

# Axichrom 300-1600 columns

## Bed support configuration conversions



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# 1 Introduction

## Purpose

This document is an information guide that provides details of the parts required to convert AxiChrom™ 300-1600 columns from the use of steel bed supports to plastic bed supports and vice-versa.



### NOTICE

To assure factory tolerances on the bed height reading, a recalibration of the column by a Cytiva service engineer is recommended following a bed support configuration conversion.

## Instructions

This guide has separate chapters for each individual AxiChrom 300-1600 column size, subdivided into steel and plastic bed support sections, respectively. Refer to the appropriate list for your specific column size and bed support requirements.

- Each parts list contains two sections. These are **Required parts** and **Optional parts**.
- The **Required parts** section provides details of parts that are essential for bed support conversion.
- The **Optional parts** section provides details of parts that are not essential for conversion but that can be beneficial to include along with the conversion.
- The bed support components found at the end of the **Required parts** section should be chosen according to the required bed support porosity (10 or 20  $\mu\text{m}$ ).
- The items **Pos no.** in the tables refer to the positions shown in the *Assembly Drawing* and the lists of parts in the *Spare Parts List* provided in the product documentation delivered with the column.
- The items **Qty/Column** in the tables refer to the total number of each component required for a single column conversion.
- For disassembly and assembly instructions, refer to the *Operating Instructions* and the *Assembly Drawing* provided with the column.

Abbreviations

This information guide contains the abbreviations explained in the table below.

| Term      | Definition                               |
|-----------|------------------------------------------|
| EPDM      | Ethylene propylene diene monomer         |
| FFPM/FFKM | Perfluorinated elastomer                 |
| PE        | Polyethylene                             |
| PEEK      | Polyetheretherketone                     |
| PP        | Polypropene                              |
| SS        | Stainless steel                          |
| UHMWPE    | Ultra-high-molecular-weight polyethylene |

## 2 AxiChrom 300 columns

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2.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 300 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 300 columns |                      |                                 |                                                      |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                      |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                       | 1            | 1              | N/A             |
| 401                                                                        |                      | 28981885                        | Distributor AxiChrom 300 bottom                      | 1            | 1              | PP              |
| 402                                                                        |                      | 29207097                        | Distributor and o-ring, 300 top, for PE bed support  | 1            | 1              | PP              |
|                                                                            | 629                  | 29165936                        | O-ring 273×2.62 EPDM                                 | 1            | 1              | EPDM            |
| 403                                                                        |                      | 28981894                        | Bed support screw bottom 300-600, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28981893                        | Bed support screw top 300-600, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                        |                      | 28981886                        | Distributor ring 300 top                             | 1            | 1              | PP              |
| 406                                                                        |                      | 28981888                        | Snap ring 300                                        | 1            | 1              | UHMWPE          |
| 413                                                                        |                      | 28981996                        | O-ring 25.12×1.78                                    | 2            | 2              | EPDM            |
| 414                                                                        |                      | 28981997                        | O-ring 304×8                                         | 1            | 1              | EPDM            |
| 628                                                                        |                      | 29297670                        | O-ring 272x11                                        | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28959916                        | Scraper AxiChrom 300                                 | 2            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000    | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                         | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                       | 1            | 1              | N/A             |

| Steel bed support conversion to plastic bed support - AxiChrom 300 columns |                      |                                 |                                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup> |              |                | N/A             |
| For 20 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28981889                        | Bed support 300 bottom 20 µm                  | 1            | 1              | PE              |
| 302                                                                        |                      | 28981891                        | Bed support 300 top 20 µm                     | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28981890                        | Bed support AxiChrom 300 10 µm bottom         | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 28981892                        | Bed support AxiChrom 300 10 µm top            | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                               |              |                |                 |
| 111                                                                        |                      | 28923750                        | Fastener adaptor AxiChrom 300-450             | 1            | 9              | ASTM 316L       |
| 411                                                                        |                      | 28982003                        | T-Piece plastic id 10mm TC25                  | 1            | 1              | PP              |
| 412                                                                        |                      | 28982002                        | Pressure transmitter, TC25                    | 1            | 1              | Hastelloy™      |
| 501                                                                        |                      | 28982000                        | Tube MP bottom AxiChrom 300                   | 1            | 1              | PP              |
| 502                                                                        |                      | 28981999                        | Tube SP bottom AxiChrom 300                   | 1            | 1              | PP              |
| 503                                                                        |                      | 28982001                        | Tube CIP bottom AxiChrom 300                  | 1            | 1              | PP              |
|                                                                            | 509                  | 28981998                        | O-ring 12×3                                   | 1            | 1              | EPDM            |
| 504                                                                        |                      | 29020221                        | Connector top inlet 300                       | 1            | 1              | PP              |
| 505                                                                        |                      | 28959361                        | End cap TC25 PP                               | 5            | 4              | PP              |

2 AxiChrom 300 columns

2.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 300 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display Label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.



## 2.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 300 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 300 columns |                      |                                 |                                                   |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                   |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                    | 1            | 1              | N/A             |
| 401                                                                        |                      | 29383812                        | Distributor AxiChrom 300 bottom                   | 1            | 1              | PP              |
| 402                                                                        |                      | 28959848                        | Distributor AxiChrom 300 top                      | 1            | 1              | PP              |
| 403                                                                        |                      | 28923481                        | Bed support screw bottom AxiChrom 300-600         | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28923482                        | Bed support screw top AxiChrom 300-600            | 1            | 1              | PEEK            |
| 413                                                                        |                      | 29164952                        | O-ring 26.7×1.78                                  | 1            | 2              | FFPM/<br>FFKM   |
| 414                                                                        |                      | 28959986                        | O-ring 300×10                                     | 1            | 1              | EPDM            |
| 415                                                                        |                      | 29297661                        | O-ring 280.5×6.99                                 | 1            | 1              | EPDM            |
| 416                                                                        |                      | 29297667                        | O-ring 215×6.99                                   | 1            | 1              | EPDM            |
| 417                                                                        |                      | 29164953                        | O-ring 30×3.5                                     | 1            | 2              | FFPM/<br>FFKM   |
| 628                                                                        |                      | 29297670                        | O-ring 272x11                                     | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28959916                        | Scraper AxiChrom 300                              | 2            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>     |              |                | N/A             |

## 2 AxiChrom 300 columns

### 2.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 300 columns |                      |                                 |                                       |              |                |                           |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28959801                        | Bed support AxiChrom 300 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29208102                        | Bed support 20µm AxiChrom 300 top SS  | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165936                        | O-ring 273×2.62 EPDM                  | 1            | 1              | EPDM                      |
| For 10 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28959807                        | Bed support AxiChrom 300 10 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29207814                        | Bed support 10 µm AxiChrom 300 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165936                        | O-ring 273×2.62 EPDM                  | 1            | 1              | EPDM                      |
| Optional parts                                                             |                      |                                 |                                       |              |                |                           |
| 111                                                                        |                      | 28923750                        | Fastener adaptor AxiChrom 300-450     | 1            | 9              | ASTM 316L                 |
| 411                                                                        |                      | 28938168                        | Tee 1/2" (3×TC25) ID=9.4              | 1            | 1              | ASTM 316L                 |
| 501                                                                        |                      | 28959856                        | Tube MP bottom AxiChrom 300           | 1            | 1              | ASTM 316L                 |
| 502                                                                        |                      | 28959864                        | Tube SP bottom AxiChrom 300           | 1            | 1              | ASTM 316L                 |
| 503                                                                        |                      | 28959896                        | Tube CIP bottom AxiChrom 300          | 1            | 1              | ASTM 316L                 |
| 504                                                                        |                      | 28959910                        | Connector top inlet AxiChrom 300      | 1            | 1              | ASTM 316L                 |
| 505                                                                        |                      | 28966791                        | End Cap TC25                          | 5            | 5              | EN 1.4435                 |

| Plastic bed support conversion to steel bed support - AxiChrom 300 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

# 3 AxiChrom 400 columns

**In this chapter**

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|---------|-------------------------------------------|----------|
| 3.1     | Steel bed supports > plastic bed supports | 13       |
| 3.2     | Plastic bed support > steel bed support   | 16       |

## 3.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 400 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 400 columns |                      |                                 |                                                      |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                      |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                       | 1            | 1              | N/A             |
| 401                                                                        |                      | 28982023                        | Distributor AxiChrom 400 bottom                      | 1            | 1              | PP              |
| 402                                                                        |                      | 29228708                        | Distributor and o-ring, 400 top, for PE bed support  | 1            | 1              | PP              |
|                                                                            | 629                  | 29165935                        | O-ring 372×2.62 EPDM                                 | 1            | 1              | EPDM            |
| 403                                                                        |                      | 28981894                        | Bed support screw bottom 300-600, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28981893                        | Bed support screw top 300-600, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                        |                      | 28982024                        | Distributor ring 400 top                             | 1            | 1              | PP              |
| 406                                                                        |                      | 28982026                        | Snap ring 400                                        | 1            | 1              | UHMWPE          |
| 413                                                                        |                      | 28981996                        | O-ring 25.12×1.78                                    | 2            | 2              | EPDM            |
| 414                                                                        |                      | 28982033                        | O-ring 404×8                                         | 1            | 1              | EPDM            |
| 628                                                                        |                      | 29297686                        | O-ring 370×11                                        | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28939997                        | Scraper AxiChrom 400                                 | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000    | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                         | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                       | 1            | 1              | N/A             |

### 3 AxiChrom 400 columns

#### 3.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 400 columns |                      |                                 |                                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup> |              |                | N/A             |
| For 20 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982027                        | Bed support 400 bottom 20 µm                  | 1            | 1              | PE              |
| 302                                                                        |                      | 28982029                        | Bed support 400 top 20 µm                     | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982028                        | Bed support AxiChrom 400 10 µm bottom         | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 28982030                        | Bed support AxiChrom 400 10 µm top            | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                               |              |                |                 |
| 111                                                                        |                      | 28923750                        | Fastener adaptor AxiChrom 300-450             | 1            | 9              | ASTM 316L       |
| 411                                                                        |                      | 28982003                        | T-Piece plastic id 10mm TC25                  | 1            | 1              | PP              |
| 412                                                                        |                      | 28982002                        | Pressure transmitter, TC25                    | 1            | 1              | Hastelloy       |
| 501                                                                        |                      | 28982036                        | Tube MP bottom AxiChrom 400-450               | 1            | 1              | PP              |
| 502                                                                        |                      | 28982035                        | Tube SP bottom AxiChrom 400-450               | 1            | 1              | PP              |
| 503                                                                        |                      | 28982037                        | Tube CIP bottom AxiChrom 400-450              | 1            | 1              | PP              |
|                                                                            | 509                  | 28982034                        | O-ring 16×3                                   | 1            | 1              | EPDM            |
| 504                                                                        |                      | 28923263                        | Connector top inlet AxiChrom 400-600          | 1            | 1              | PP              |
| 505                                                                        |                      | 28959361                        | End cap TC25                                  | 5            | 4              | PP              |

| Steel bed support conversion to plastic bed support - AxiChrom 400 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

## 3.2 Plastic bed support > steel bed support

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 400 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 400 columns |                      |                                 |                                                   |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                   |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                    | 1            | 1              | N/A             |
| 401                                                                        |                      | 29383814                        | Distributor AxiChrom 400 bottom                   | 1            | 1              | PP              |
| 402                                                                        |                      | 28923785                        | Distributor AxiChrom 400 top                      | 1            | 1              | PP              |
| 403                                                                        |                      | 28923481                        | Bed support screw bottom AxiChrom 300-600         | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28923482                        | Bed support screw top AxiChrom 300-600            | 1            | 1              | PEEK            |
| 413                                                                        |                      | 29164952                        | O-ring 26.7×1.78                                  | 1            | 2              | FFPM/<br>FFKM   |
| 414                                                                        |                      | 28923794                        | O-ring 400×10                                     | 1            | 1              | EPDM            |
| 415                                                                        |                      | 29297671                        | O-ring 368.3×6.985                                | 1            | 1              | EPDM            |
| 416                                                                        |                      | 29297682                        | O-ring 304×6.99                                   | 1            | 1              | EPDM            |
| 417                                                                        |                      | 29164953                        | O-ring 30×3.5                                     | 1            | 2              | FFPM/<br>FFKM   |
| 628                                                                        |                      | 29297686                        | O-ring 370x11                                     | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28939997                        | Scraper AxiChrom 400                              | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>     |              |                | N/A             |



| Plastic bed support conversion to steel bed support - AxiChrom 400 columns |                      |                                 |                                       |              |                |                           |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28939982                        | Bed support AxiChrom 400 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228710                        | Bed support 20 µm AxiChrom 400 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165935                        | O-ring 372×2.62 EPDM                  | 1            | 1              | EPDM                      |
| For 10 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28923776                        | Bed support AxiChrom 400 10 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228709                        | Bed support 10 µm AxiChrom 400 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165935                        | O-ring 372×2.62 EPDM                  | 1            | 1              | EPDM                      |
| Optional parts                                                             |                      |                                 |                                       |              |                |                           |
| 111                                                                        |                      | 28923750                        | Fastener, adaptor AxiChrom 300-450    | 1            | 9              | EPDM                      |
| 411                                                                        |                      | 28938169                        | Tee 3TC ¾in                           | 1            | 1              | ASTM 316L                 |
| 501                                                                        |                      | 28940048                        | Tube MP bottom AxiChrom 400-450       | 1            | 1              | ASTM 316L                 |
| 502                                                                        |                      | 28940052                        | Tube SP bottom AxiChrom 400-450       | 1            | 1              | ASTM 316L                 |
| 503                                                                        |                      | 28940055                        | Tube CIP bottom AxiChrom 400-450      | 1            | 1              | ASTM 316L                 |
| 504                                                                        |                      | 28937174                        | Connector top inlet AxiChrom 400-600  | 1            | 1              | ASTM 316L                 |
| 505                                                                        |                      | 28966791                        | End cap TC25                          | 5            | 5              | EN 1.4435                 |

3 AxiChrom 400 columns

3.2 Plastic bed support > steel bed support

| Plastic bed support conversion to steel bed support - AxiChrom 400 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

## 4 AxiChrom 450 columns

### In this chapter

| Section                                       | See page |
|-----------------------------------------------|----------|
| 4.1 Steel bed supports > plastic bed supports | 20       |
| 4.2 Plastic bed supports > steel bed supports | 23       |

4.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 450 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 450 columns |                      |                                 |                                                      |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                      |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                       | 1            | 1              | N/A             |
| 401                                                                        |                      | 28982038                        | Distributor AxiChrom 450 bottom                      | 1            | 1              | PP              |
| 402                                                                        |                      | 29228711                        | Distributor and o-ring, 450 top, for PE bed support  | 1            | 1              | PP              |
|                                                                            | 629                  | 29165934                        | O-ring 421×2.62 EPDM                                 | 1            | 1              | EPDM            |
| 403                                                                        |                      | 28981894                        | Bed support screw bottom 300-600, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28981893                        | Bed support screw top 300-600, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                        |                      | 28982039                        | Distributor ring 450 top                             | 1            | 1              | PP              |
| 406                                                                        |                      | 28982041                        | Snap ring 450                                        | 1            | 1              | UHMWPE          |
| 413                                                                        |                      | 28981996                        | O-ring 25.12×1.78                                    | 2            | 2              | EPDM            |
| 414                                                                        |                      | 28982046                        | O-ring 454×8                                         | 1            | 1              | EPDM            |
| 628                                                                        |                      | 29297698                        | O-ring 419×11                                        | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28955036                        | Scraper AxiChrom 450                                 | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000    | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                         | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                       | 1            | 1              | N/A             |

| Steel bed support conversion to plastic bed support - AxiChrom 450 columns |                      |                                 |                                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup> |              |                | N/A             |
| For 20 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982042                        | Bed support 450 bottom 20 µm                  | 1            | 1              | PE              |
| 302                                                                        |                      | 28982044                        | Bed support 450 top 20 µm                     | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982043                        | Bed support AxiChrom 450 10 µm bottom         | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 28982045                        | Bed support AxiChrom 450 10 µm top            | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                               |              |                |                 |
| 111                                                                        |                      | 28923750                        | Fastener adaptor AxiChrom 300-450             | 1            | 9              | ASTM 316L       |
| 411                                                                        |                      | 28982003                        | T-Piece plastic id 10mm TC25                  | 1            | 1              | PP              |
| 412                                                                        |                      | 28982002                        | Pressure transmitter, TC25                    | 1            | 1              | Hastelloy       |
| 501                                                                        |                      | 28982036                        | Tube MP bottom AxiChrom 400-450               | 1            | 1              | PP              |
| 502                                                                        |                      | 28982035                        | Tube SP bottom AxiChrom 400-450               | 1            | 1              | PP              |
| 503                                                                        |                      | 28982037                        | Tube CIP bottom AxiChrom 400-450              | 1            | 1              | PP              |
|                                                                            | 509                  | 28982034                        | O-ring 16×3                                   | 1            | 1              | EPDM            |
| 504                                                                        |                      | 28923263                        | Connector top inlet AxiChrom 400-600          | 1            | 1              | PP              |
| 505                                                                        |                      | 28959361                        | End cap TC25                                  | 5            | 4              | PP              |

4 AxiChrom 450 columns

4.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 450 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChromMaster upgrade is only required for software releases before 2.20.

## 4.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 450 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 450 columns |                      |                                 |                                                   |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                   |              |                |                 |
| 129                                                                        |                      | 28958147                        | Level display AxiChrom 300-450                    | 1            | 1              | N/A             |
| 401                                                                        |                      | 29383815                        | Distributor AxiChrom 450 bottom                   | 1            | 1              | PP              |
| 402                                                                        |                      | 28954938                        | Distributor AxiChrom 450 top                      | 1            | 1              | PP              |
| 403                                                                        |                      | 28923481                        | Bed support screw bottom AxiChrom 300-600         | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28923482                        | Bed support screw top AxiChrom 300-600            | 1            | 1              | PEEK            |
| 413                                                                        |                      | 29164952                        | O-ring 26.7×1.78                                  | 1            | 2              | FFPM/<br>FFKM   |
| 414                                                                        |                      | 28955027                        | O-ring 450×10                                     | 1            | 1              | EPDM            |
| 415                                                                        |                      | 29297687                        | O-ring 430.5×6.985                                | 1            | 1              | EPDM            |
| 416                                                                        |                      | 29297696                        | O-ring 358×6.99                                   | 1            | 1              | EPDM            |
| 417                                                                        |                      | 29164953                        | O-ring 30×3.5                                     | 1            | 2              | FFPM/<br>FFKM   |
| 628                                                                        |                      | 29297698                        | O-ring 419×11                                     | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28955036                        | Scraper AxiChrom 450                              | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>     |              |                | N/A             |

#### 4 AxiChrom 450 columns

##### 4.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 450 columns |                      |                                 |                                       |              |                |                           |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28954858                        | Bed support AxiChrom 450 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228713                        | Bed support 20 µm AxiChrom 450 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165934                        | O-ring 421×2.62 EPDM                  | 1            | 1              | EPDM                      |
| For 10 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28954828                        | Bed support AxiChrom 450 10 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228712                        | Bed support 10 µm AxiChrom 450 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165934                        | O-ring 421×2.62 EPDM                  | 1            | 1              | EPDM                      |
| Optional parts                                                             |                      |                                 |                                       |              |                |                           |
| 111                                                                        |                      | 28923750                        | Fastener adaptor AxiChrom300-450      | 1            | 9              | ASTM 316L                 |
| 411                                                                        |                      | 28938169                        | Tee 3TC ¾in                           | 1            | 1              | ASTM 316L                 |
| 501                                                                        |                      | 28940048                        | Tube MP bottom AxiChrom 400-450       | 1            | 1              | ASTM 316L                 |
| 502                                                                        |                      | 28940052                        | Tube SP bottom AxiChrom 400-450       | 1            | 1              | ASTM 316L                 |
| 503                                                                        |                      | 28940055                        | Tube CIP bottom AxiChrom 400-450      | 1            | 1              | ASTM 316L                 |
| 504                                                                        |                      | 28937174                        | Connector top inlet AxiChrom 400-600  | 1            | 1              | ASTM 316L                 |
| 505                                                                        |                      | 28966791                        | End cap TC25                          | 5            | 5              | EN 1.4435                 |



| Plastic bed support conversion to steel bed support - AxiChrom 450 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

# 5 AxiChrom 600 columns

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| 5.2     | Plastic bed supports > steel bed supports | 30       |

## 5.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 600 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 600 columns |                      |                                 |                                                      |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                      |              |                |                 |
| 129                                                                        |                      | 28961344                        | Level display AxiChrom 600-1000                      | 1            | 1              | N/A             |
| 401                                                                        |                      | 28982052                        | Distributor 600 bottom                               | 1            | 1              | PP              |
| 402                                                                        |                      | 29228714                        | Distributor and o-ring, 600 top, for PE bed support  | 1            | 1              | PP              |
|                                                                            | 629                  | 29165873                        | O-ring 569×2.62 EPDM                                 | 1            | 1              | EPDM            |
| 403                                                                        |                      | 28981894                        | Bed support screw bottom 300-600, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28981893                        | Bed support screw top 300-600, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                        |                      | 28982051                        | Distributor ring 600 top                             | 1            | 1              | PP              |
| 406                                                                        |                      | 28982049                        | Snap ring 600                                        | 1            | 1              | UHMWPE          |
| 413                                                                        |                      | 28981996                        | O-ring 25.12×1.78                                    | 2            | 2              | EPDM            |
| 628                                                                        |                      | 29297934                        | O-ring 565×11                                        | 1            | 2              | EPDM            |
| 641                                                                        |                      | 28937141                        | Scraper AxiChrom 600                                 | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000    | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                         | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                       | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>        |              |                | N/A             |

## 5 AxiChrom 600 columns

### 5.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 600 columns |                      |                                 |                                       |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| For 20 µm                                                                  |                      |                                 |                                       |              |                |                 |
| 301                                                                        |                      | 28982056                        | Bed support 600 bottom 20 µm          | 1            | 1              | PE              |
| 302                                                                        |                      | 28982055                        | Bed support 600 top 20 µm             | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                       |              |                |                 |
| 301                                                                        |                      | 28982054                        | Bed support AxiChrom 600 10 µm bottom | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 28982053                        | Bed support AxiChrom 600 10 µm top    | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                       |              |                |                 |
| 111                                                                        |                      | 28923494                        | Fastener adaptor AxiChrom 600         | 1            | 9              | ASTM 316L       |
| 411                                                                        |                      | 28982003                        | T-Piece plastic id 10mm TC25          | 1            | 1              | ASTM 316L       |
| 412                                                                        |                      | 28982002                        | Pressure transmitter, TC25            | 1            | 1              | Hastelloy       |
| 501                                                                        |                      | 28982058                        | Tube MP bottom AxiChrom 600           | 1            | 1              | PP              |
| 502                                                                        |                      | 28982057                        | Tube SP bottom AxiChrom 600           | 1            | 1              | PP              |
| 503                                                                        |                      | 28982059                        | Tube CIP bottom AxiChrom 600          | 1            | 1              | PP              |
|                                                                            | 509                  | 28982034                        | O-ring 16×3                           | 1            | 1              | EPDM            |
| 504                                                                        |                      | 28923263                        | Connector top inlet AxiChrom 400-600  | 1            | 1              | PP              |
| 505                                                                        |                      | 28959361                        | End cap TC25                          | 5            | 4              | PP              |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom         | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

5.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 600 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 600 columns |              |                                       |                                                   |              |                |                    |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------------------------------------------|--------------|----------------|--------------------|
| Pos no.                                                                    | Pos no.<br>1 | Spare<br>part/<br>Accessory<br>number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted<br>material |
| Required parts                                                             |              |                                       |                                                   |              |                |                    |
| 129                                                                        |              | 28961344                              | Level display AxiChrom 600-1000                   | 1            | 1              | N/A                |
| 401                                                                        |              | 29383816                              | Distributor AxiChrom 600 bottom PP                | 1            | 1              | PP                 |
| 402                                                                        |              | 28923486                              | Distributor AxiChrom 600                          | 1            | 1              | PP                 |
| 403                                                                        |              | 28923481                              | Bed support screw bottom AxiChrom 300-600         | 1            | 1              | PEEK               |
| 404                                                                        |              | 28923482                              | Bed support screw top AxiChrom 300-600            | 1            | 1              | PEEK               |
| 413                                                                        |              | 29164952                              | O-ring 26.7×1.78                                  | 1            | 2              | FFPM/<br>FFKM      |
| 415                                                                        |              | 29297929                              | O-ring 556.86×6.985                               | 1            | 1              | EPDM               |
| 416                                                                        |              | 29297930                              | O-ring 506.86×6.985                               | 1            | 1              | EPDM               |
| 417                                                                        |              | 29164953                              | O-ring 30×3.5                                     | 1            | 2              | FFPM/<br>FFKM      |
| 628                                                                        |              | 29297934                              | O-ring 565×11                                     | 1            | 2              | EDPM               |
| 641                                                                        |              | 28937141                              | Scraper AxiChrom 600                              | 1            | 2              | UHMWPE             |
| N/A                                                                        |              | 29487256                              | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A                |
| N/A                                                                        |              | N/A <sup>3</sup>                      | AxiChrom Master soft-ware upgrade <sup>4</sup>    |              |                | N/A                |

| Plastic bed support conversion to steel bed support - AxiChrom 600 columns |              |                                       |                                       |              |                |                           |
|----------------------------------------------------------------------------|--------------|---------------------------------------|---------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                    | Pos no.<br>1 | Spare<br>part/<br>Accessory<br>number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted<br>material        |
| For 20 µm                                                                  |              |                                       |                                       |              |                |                           |
| 301                                                                        |              | 28940464                              | Bed support AxiChrom 600 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |              | 29228716                              | Bed support 20 µm AxiChrom 600 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629          | 29165873                              | O-ring 569×2.62 EPDM                  | 1            | 1              | EPDM                      |
| For 10 µm                                                                  |              |                                       |                                       |              |                |                           |
| 301                                                                        |              | 28940459                              | Bed support AxiChrom 600 10 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |              | 29228715                              | Bed support 10 µm AxiChrom 600 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629          | 29165873                              | O-ring 569×2.62 EPDM                  | 1            | 1              | EPDM                      |
| Optional parts                                                             |              |                                       |                                       |              |                |                           |
| 111                                                                        |              | 28923494                              | Fastener adaptor AxiChrom 600         | 1            | 9              | ASTM 316L                 |
| 411                                                                        |              | 28938169                              | Tee 3TC ¾in                           | 1            | 1              | ASTM 316L                 |
| 501                                                                        |              | 28937165                              | Tube MP bottom AxiChrom 600           | 1            | 1              | ASTM 316L                 |
| 502                                                                        |              | 28937168                              | Tube SP bottom AxiChrom 600           | 1            | 1              | ASTM 316L                 |
| 503                                                                        |              | 28937171                              | Tube CIP bottom AxiChrom 600          | 1            | 1              | ASTM 316L                 |
| 504                                                                        |              | 28937174                              | Connector top inlet AxiChrom 400-600  | 1            | 1              | ASTM 316L                 |
| 505                                                                        |              | 28966791                              | End cap TC25                          | 5            | 5              | EN 1.4435                 |

5 AxiChrom 600 columns

5.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 600 columns |              |                                       |                                  |              |                |                    |
|----------------------------------------------------------------------------|--------------|---------------------------------------|----------------------------------|--------------|----------------|--------------------|
| Pos no.                                                                    | Pos no.<br>1 | Spare<br>part/<br>Accessory<br>number | Description <sup>2</sup>         | Qty/<br>Pack | Qty/<br>Column | Wetted<br>material |
| 904                                                                        |              | 28959996                              | Level display label,<br>AxiChrom | 1            | 1              | N/A                |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.



# 6 AxiChrom 800 columns

## In this chapter

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6.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 800 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 800 columns |                      |                                 |                                                       |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                              | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                       |              |                |                 |
| 129                                                                        |                      | 28961344                        | Level display AxiChrom 600-1000                       | 1            | 1              | N/A             |
| 401                                                                        |                      | 28982060                        | Distributor AxiChrom 800 bottom                       | 1            | 1              | PP              |
| 402                                                                        |                      | 29228717                        | Distributor and o-ring, 800 top for PE bed support    | 1            | 1              | PP              |
|                                                                            | 629                  | 29165874                        | O-ring 763×2.62 EPDM                                  | 1            | 1              | EPDM            |
| 403                                                                        |                      | 28982069                        | Bed support screw bottom 800-1000, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28982070                        | Bed support screw top 800-1000, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                        |                      | 28982061                        | Distributor ring 800 top                              | 1            | 1              | PP              |
| 406                                                                        |                      | 28982063                        | Snap ring 800                                         | 1            | 1              | UHMWPE          |
| 413                                                                        |                      | 28982071                        | O-ring 37.82×1.78                                     | 2            | 2              | EPDM            |
| 628                                                                        |                      | 29297944                        | O-ring 758×12.7                                       | 1            | 2              | EPDM            |
| 641                                                                        |                      | 29255710                        | Scraper AxiChrom 800                                  | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000     | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                          | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                        | 1            | 1              | N/A             |

| Steel bed support conversion to plastic bed support - AxiChrom 800 columns |                      |                                 |                                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup> |              |                | N/A             |
| For 20 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982064                        | Bed support 800 bottom 20 µm                  | 1            | 1              | PE              |
| 302                                                                        |                      | 28982066                        | Bed support 800 top 20 µm                     | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                               |              |                |                 |
| 301                                                                        |                      | 28982065                        | Bed support AxiChrom 800 10 µm bottom         | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 28982067                        | Bed support AxiChrom 800 10 µm top            | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                               |              |                |                 |
| 111                                                                        |                      | 28926875                        | Fastener adaptor AxiChrom 800                 | 1            | 12             | ASTM 316L       |
| 411                                                                        |                      | 28982075                        | T-Piece plastic id 25 mm TC50                 | 1            | 1              | PP              |
| 412                                                                        |                      | 28985264                        | Pressure transmitter, TC50                    | 1            | 1              | Hastelloy       |
| 501                                                                        |                      | 28982073                        | Tube MP bottom AxiChrom 800                   | 1            | 1              | PP              |
| 502                                                                        |                      | 28982072                        | Tube SP bottom AxiChrom 800                   | 1            | 1              | PP              |
| 503                                                                        |                      | 28982074                        | Tube CIP bottom AxiChrom 800                  | 1            | 1              | PP              |
| 504                                                                        |                      | 28923931                        | Connector top inlet AxiChrom 800-1000         | 1            | 1              | PP              |
| 505                                                                        |                      | 28958880                        | TC End cap 50                                 | 5            | 4              | PP              |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom                 | 1            | 1              | N/A             |

6 AxiChrom 800 columns

6.1 Steel bed supports > plastic bed supports

- <sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.
- <sup>2</sup> Dimensions are in mm unless otherwise stated.
- <sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.
- <sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

## 6.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 800 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 800 columns |                      |                                 |                                                   |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                             |                      |                                 |                                                   |              |                |                 |
| 129                                                                        |                      | 28961344                        | Level display AxiChrom 600-1000                   | 1            | 1              | N/A             |
| 401                                                                        |                      | 29383817                        | Distributor AxiChrom 800 bottom                   | 1            | 1              | PP              |
| 402                                                                        |                      | 28926944                        | Distributor AxiChrom 800 top                      | 1            | 1              | PP              |
| 403                                                                        |                      | 28923864                        | Bed support screw bottom AxiChrom 800-1000        | 1            | 1              | PEEK            |
| 404                                                                        |                      | 28923866                        | Bed support screw adaptor AxiChrom 800-1000       | 1            | 1              | PEEK            |
| 413                                                                        |                      | 29164955                        | O-ring 40×1.78                                    | 1            | 2              | FFPM/<br>FFKM   |
| 415                                                                        |                      | 28926946                        | O-ring 778×10                                     | 1            | 1              | EPDM            |
| 416                                                                        |                      | 29297943                        | O-ring 685×10                                     | 1            | 1              | EPDM            |
| 417                                                                        |                      | 29164956                        | O-ring 41×3.5                                     | 1            | 2              | FFPM/<br>FFKM   |
| 628                                                                        |                      | 29297944                        | O-ring 758×12.7                                   | 1            | 1              | EPDM            |
| 641                                                                        |                      | 29255710                        | Scraper AxiChrom 800                              | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>     |              |                | N/A             |

## 6 AxiChrom 800 columns

### 6.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 800 columns |                      |                                 |                                       |              |                |                           |
|----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>              | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28940495                        | Bed support AxiChrom 800 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228719                        | Bed support 20 µm AxiChrom 800 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165874                        | O-ring 763×2.62 EPDM                  | 1            | 1              | EPDM                      |
| For 10 µm                                                                  |                      |                                 |                                       |              |                |                           |
| 301                                                                        |                      | 28940491                        | Bed support AxiChrom 800 10 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                        |                      | 29228718                        | Bed support 10 µm AxiChrom 800 top SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                            | 629                  | 29165874                        | O-ring 763×2.62 EPDM                  | 1            | 1              | EPDM                      |
| Optional parts                                                             |                      |                                 |                                       |              |                |                           |
| 111                                                                        |                      | 28926875                        | Fastener adaptor AxiChrom 800         | 1            | 12             | ASTM 316L                 |
| 411                                                                        |                      | 28938170                        | Tee 1" (3×TC50) ID=22.1               | 1            | 1              | ASTM 316L                 |
| 501                                                                        |                      | 28937184                        | Tube MP bottom AxiChrom 800           | 1            | 1              | ASTM 316L                 |
| 502                                                                        |                      | 28937187                        | Tube SP bottom AxiChrom 800           | 1            | 1              | ASTM 316L                 |
| 503                                                                        |                      | 28937190                        | Tube CIP bottom AxiChrom 800          | 1            | 1              | ASTM 316L                 |
| 504                                                                        |                      | 28937181                        | Connector top inlet AxiChrom 800-1000 | 1            | 1              | ASTM 316L                 |
| 505                                                                        |                      | 28966805                        | End cap TC50                          | 5            | 5              | EN 1.4435                 |

| Plastic bed support conversion to steel bed support - AxiChrom 800 columns |                      |                                 |                               |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                        |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

# 7 AxiChrom 1000 columns

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## 7.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 1000 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 1000 columns |                      |                                 |                                                       |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                              | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                       |              |                |                 |
| 129                                                                         |                      | 28961344                        | Level display AxiChrom 600-1000                       | 1            | 1              | N/A             |
| 401                                                                         |                      | 28982078                        | Distributor AxiChrom 1000 bottom                      | 1            | 1              | PP              |
| 402                                                                         |                      | 29228720                        | Distributor and o-ring, 1000 top, for PE bed support  | 1            | 1              | PP              |
|                                                                             | 629                  | 29165875                        | O-ring 960×2.62 EPDM                                  | 1            | 1              | EPDM            |
| 403                                                                         |                      | 28982069                        | Bed support screw bottom 800-1000, for PE bed support | 1            | 1              | PEEK            |
| 404                                                                         |                      | 28982070                        | Bed support screw top 800-1000, for PE bed support    | 1            | 1              | PEEK            |
| 405                                                                         |                      | 28982079                        | Distributor ring 1000 top                             | 1            | 1              | PP              |
| 406                                                                         |                      | 28982081                        | Snap ring 1000                                        | 1            | 1              | UHMWPE          |
| 413                                                                         |                      | 28982071                        | O-ring 37.82×1.78                                     | 2            | 2              | EPDM            |
| 628                                                                         |                      | 29298264                        | O-ring 955×12.7                                       | 1            | 2              | EPDM            |
| 641                                                                         |                      | 28940529                        | Scraper AxiChrom 1000                                 | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000     | 1            | 1              | N/A             |
| N/A                                                                         |                      | 28982031                        | Removal tool                                          | 1            | 1              | N/A             |

## 7 AxiChrom 1000 columns

### 7.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 1000 columns |                      |                                 |                                               |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| N/A                                                                         |                      | 28982032                        | Plastic mallet                                | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup> |              |                | N/A             |
| For 20 µm                                                                   |                      |                                 |                                               |              |                |                 |
| 301                                                                         |                      | 28982082                        | Bed support 1000 bottom 20 µm                 | 1            | 1              | PE              |
| 302                                                                         |                      | 28982084                        | Bed support 1000 top 20 µm                    | 1            | 1              | PE              |
| For 10 µm                                                                   |                      |                                 |                                               |              |                |                 |
| 301                                                                         |                      | 28982083                        | Bed support AxiChrom 1000 10 µm bottom        | 1            | 1              | UHMWPE          |
| 302                                                                         |                      | 28982085                        | Bed support AxiChrom 1000 10 µm top           | 1            | 1              | UHMWPE          |
| Optional parts                                                              |                      |                                 |                                               |              |                |                 |
| 111                                                                         |                      | 28923837                        | Fastener adaptor AxiChrom 1000                | 1            | 12             | ASTM 316L       |
| 411                                                                         |                      | 28982075                        | T-Piece plastic id 25 mm TC50                 | 1            | 1              | PP              |
| 412                                                                         |                      | 28985264                        | Pressure transmitter, TC50                    | 1            | 1              | Hastelloy       |
| 501                                                                         |                      | 28982087                        | Tube MP bottom AxiChrom 1000                  | 1            | 1              | PP              |
| 502                                                                         |                      | 28982086                        | Tube SP bottom AxiChrom 1000                  | 1            | 1              | PP              |
| 503                                                                         |                      | 28982088                        | Tube CIP bottom AxiChrom 1000                 | 1            | 1              | PP              |
| 504                                                                         |                      | 28923931                        | Connector top inlet AxiChrom 800-1000         | 1            | 1              | PP              |
| 505                                                                         |                      | 28958880                        | TC End cap 50                                 | 5            | 4              | PP              |

| Steel bed support conversion to plastic bed support - AxiChrom 1000 columns |                      |                                 |                               |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

## 7.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 1000 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 1000 columns |                      |                                 |                                                   |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|---------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                          | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                   |              |                |                 |
| 129                                                                         |                      | 28961344                        | Level display AxiChrom 600-1000                   | 1            | 1              | N/A             |
| 401                                                                         |                      | 29383818                        | Distributor AxiChrom 1000 bottom                  | 1            | 1              | PP              |
| 402                                                                         |                      | 28923878                        | Distributor AxiChrom 1000 top                     | 1            | 1              | PP              |
| 403                                                                         |                      | 28923864                        | Bed support screw bottom AxiChrom 800-1000        | 1            | 1              | PEEK            |
| 404                                                                         |                      | 28923866                        | Bed support screw adaptor AxiChrom 800-1000       | 1            | 1              | PEEK            |
| 413                                                                         |                      | 29164955                        | O-ring 40×1.78                                    | 1            | 2              | FFPM/<br>FFKM   |
| 415                                                                         |                      | 28923880                        | O-ring 978×10                                     | 1            | 1              | EPDM            |
| 416                                                                         |                      | 29298262                        | O-ring 875×10                                     | 1            | 1              | EPDM            |
| 417                                                                         |                      | 29164956                        | O-ring 41×3.5                                     | 1            | 2              | FFPM/<br>FFKM   |
| 628                                                                         |                      | 29298264                        | O-ring 955×12.7                                   | 1            | 2              | EPDM            |
| 641                                                                         |                      | 28940529                        | Scraper AxiChrom 1000                             | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487256                        | Fastener kit for Net Conversion AxiChrom 300-1000 | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>3</sup>                | AxiChrom Master software upgrade <sup>4</sup>     |              |                | N/A             |

| Plastic bed support conversion to steel bed support - AxiChrom 1000 columns |                      |                                 |                                              |              |                |                           |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                     | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                   |                      |                                 |                                              |              |                |                           |
| 301                                                                         |                      | 28940127                        | Bed support 20 µm AxiChrom 1000 20 µm bottom | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29228722                        | Bed support 20 µm AxiChrom 1000 top SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                             | 629                  | 29165875                        | O-ring 960×2.62 EPDM                         | 1            | 1              | EPDM                      |
| For 10 µm                                                                   |                      |                                 |                                              |              |                |                           |
| 301                                                                         |                      | 28923870                        | Bed support AxiChrom 1000 10 µm bottom       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29228721                        | Bed support 10 µm AxiChrom 1000 top SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
|                                                                             | 629                  | 29165875                        | O-ring 960×2.62 EPDM                         | 1            | 1              | EPDM                      |
| Optional parts                                                              |                      |                                 |                                              |              |                |                           |
| 111                                                                         |                      | 28923837                        | Fastener adaptor AxiChrom 1000               | 1            | 12             | ASTM 316L                 |
| 411                                                                         |                      | 28938170                        | Tee 1" (3×TC50) ID=22.1                      | 1            | 1              | ASTM 316L                 |
| 501                                                                         |                      | 28940144                        | Tube MP bottom AxiChrom 1000                 | 1            | 1              | ASTM 316L                 |
| 502                                                                         |                      | 28940148                        | Tube SP bottom AxiChrom 1000                 | 1            | 1              | ASTM 316L                 |
| 503                                                                         |                      | 28940151                        | Tube CIP bottom AxiChrom 1000                | 1            | 1              | ASTM 316L                 |
| 504                                                                         |                      | 28937181                        | Connector top inlet AxiChrom 800-1000        | 1            | 1              | ASTM 316L                 |
| 505                                                                         |                      | 28966805                        | End cap TC50                                 | 5            | 5              | EN 1.4435                 |

7 AxiChrom 1000 columns

7.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 1000 columns |                      |                                 |                               |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>      | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>4</sup> AxiChrom Master upgrade is only required for software releases before 2.20.

# 8 AxiChrom 1200 columns

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| 8.1     | Steel bed supports > plastic bed supports | 48       |
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## 8 AxiChrom 1200 columns

### 8.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 1200 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 1200 columns |                      |                                 |                                                                      |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                      |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                           | 1            | 1              | N/A             |
| 401                                                                         |                      | Custom <sup>3</sup>             | Distributor bottom AxiChrom 1200, for PE bed support, 29052763       | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1200, for PE bed support, 29052754      | 1            | 1              | PP              |
| 403                                                                         |                      | 29088227                        | Bed support screw bottom PE 1200-1600                                | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29088228                        | Bed support screw top PE 1200-1600                                   | 1            | 1              | PEEK            |
| 405                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor ring AxiChrom 1200, for PE bed support, 29052731 | 1            | 1              | PP              |
| 406                                                                         |                      | 29091408                        | Snap ring 1200                                                       | 1            | 1              | UHMWPE          |
| 413                                                                         |                      | 29087986                        | O-ring 61x2                                                          | 2            | 2              | FFPM/<br>FFKM   |
| 431                                                                         |                      | 28405991                        | Bed Support Stud                                                     | 6            | 24             | ASTM 316L       |
| 432                                                                         |                      | 28405976                        | Insert                                                               | 6            | 24             | PEEK            |
| 433                                                                         |                      | 28932905                        | Seal                                                                 | 6            | 24             | EPDM            |
| 434                                                                         |                      | 18116177                        | Bed Support Nut                                                      | 6            | 44             | PEEK            |
| 628                                                                         |                      | 29088181                        | O-ring 1143×18                                                       | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088184                        | O-ring 1150×2.62                                                     | 1            | 1              | EPDM            |



| Steel bed support conversion to plastic bed support - AxiChrom1200 columns |                      |                                 |                                                    |              |                |                 |
|----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                    | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                           | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 641                                                                        |                      | 29088187                        | Scraper 1200                                       | 1            | 2              | UHMWPE          |
| N/A                                                                        |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600 | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982031                        | Removal tool                                       | 1            | 1              | N/A             |
| N/A                                                                        |                      | 28982032                        | Plastic mallet                                     | 1            | 1              | N/A             |
| N/A                                                                        |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>      |              |                | N/A             |
| For 20 µm                                                                  |                      |                                 |                                                    |              |                |                 |
| 301                                                                        |                      | 29088207                        | Bed support 1200 bottom 20 µm PE                   | 1            | 1              | PE              |
| 302                                                                        |                      | 29088218                        | Bed support 1200 top 20 µm PE                      | 1            | 1              | PE              |
| For 10 µm                                                                  |                      |                                 |                                                    |              |                |                 |
| 301                                                                        |                      | 29090163                        | Bed support 1200 bottom 10 µm PE                   | 1            | 1              | UHMWPE          |
| 302                                                                        |                      | 29090255                        | Bed support 1200 top 10 µm PE                      | 1            | 1              | UHMWPE          |
| Optional parts                                                             |                      |                                 |                                                    |              |                |                 |
| 111                                                                        |                      | 29090299                        | Fastener adaptor AxiChrom 1200                     | 1            | 14             | ASTM 316L       |
| 411                                                                        |                      | 29091010                        | Tee, 3TC, 1 1/2 inch                               | 1            | 1              | PP              |
| 412                                                                        |                      | 28985264                        | Pressure transmitter, TC50                         | 1            | 1              | Hastelloy       |
| 501                                                                        |                      | Custom <sup>3</sup>             | Tube MP bottom 1200, 29088322                      | 1            | 1              | PP              |
| 502                                                                        |                      | Custom <sup>3</sup>             | Tube SP bottom 1200, 29088324                      | 1            | 1              | PP              |

8 AxiChrom 1200 columns

8.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 1200 columns |                      |                                 |                                |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|--------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>       | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1200, 29088328 | 1            | 1              | PP              |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 29088116  | 1            | 1              | PP              |
| 505                                                                         |                      | 28958880                        | TC End cap 50                  | 5            | 4              | PP              |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom  | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.

## 8.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 1200 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 1200 columns |                      |                                 |                                                                 |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                        | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                 |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                      | 1            | 1              | N/A             |
| 401                                                                         |                      | 29383819                        | Distributor AxiChrom 1200 bottom                                | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1200, for SS bed support, 29044913 | 1            | 1              | PP              |
| 403                                                                         |                      | 29090345                        | Bed support screw bottom SS 1200-1600                           | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29090348                        | Bed support screw top SS 1200-1600                              | 1            | 1              | PEEK            |
| 413                                                                         |                      | 29087986                        | O-ring 61×2                                                     | 2            | 2              | FFPM/<br>FFKM   |
| 415                                                                         |                      | 29089546                        | O-ring 1142×15                                                  | 1            | 1              | EPDM            |
| 416                                                                         |                      | 29089549                        | O-ring 1063×15                                                  | 1            | 1              | EPDM            |
| 417                                                                         |                      | 29164957                        | O-ring 63.5×3.53                                                | 2            | 2              | FFPM/<br>FFKM   |
| 628                                                                         |                      | 29088181                        | O-ring 1143×18                                                  | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088184                        | O-ring 1150×2.62                                                | 1            | 1              | EPDM            |
| 641                                                                         |                      | 29088187                        | Scraper 1200                                                    | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600              | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>                   |              |                | N/A             |

## 8 AxiChrom 1200 columns

### 8.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 1200 columns |                      |                                 |                                  |              |                |                           |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>         | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                   |                      |                                 |                                  |              |                |                           |
| 301                                                                         |                      | 29090158                        | Bed support 1200 bottom 20 µm SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090175                        | Bed support 1200 top 20 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| For 10 µm                                                                   |                      |                                 |                                  |              |                |                           |
| 301                                                                         |                      | 29090153                        | Bed support 1200 bottom 10 µm SS | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090170                        | Bed support 1200 top 10 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| Optional parts                                                              |                      |                                 |                                  |              |                |                           |
| 111                                                                         |                      | 29090299                        | Fastener adaptor AxiChrom 1200   | 1            | 14             | ASTM 316L                 |
| 411                                                                         |                      | 28938171                        | Tee, 3TC, 1 1/2 inch             | 1            | 1              | ASTM 316L                 |
| 501                                                                         |                      | Custom <sup>3</sup>             | Tube MP bottom 1200, 29049306    | 1            | 1              | ASTM 316L                 |
| 502                                                                         |                      | Custom <sup>3</sup>             | Tube SP bottom 1200, 29049310    | 1            | 1              | ASTM 316L                 |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1200, 29049312   | 1            | 1              | ASTM 316L                 |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 28945122    | 1            | 1              | ASTM 316L                 |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom    | 1            | 1              | N/A                       |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.

# 9 AxiChrom 1400 columns

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## 9.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 1400 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 1400 columns |                      |                                 |                                                                      |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                             | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                      |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                           | 1            | 1              | N/A             |
| 401                                                                         |                      | Custom <sup>3</sup>             | Distributor bottom AxiChrom 1400, for PE bed support, 29052725       | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1400, for PE bed support, 29052720      | 1            | 1              | PP              |
| 403                                                                         |                      | 29088227                        | Bed support screw bottom PE 1200-1600                                | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29088228                        | Bed support screw top PE 1200-1600                                   | 1            | 1              | PEEK            |
| 405                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor ring AxiChrom 1400, for PE bed support, 29052719 | 1            | 1              | PP              |
| 406                                                                         |                      | 29091407                        | Snap ring 1400                                                       | 1            | 1              | UHMWPE          |
| 413                                                                         |                      | 29087986                        | O-ring 61×2                                                          | 2            | 2              | FFPM/<br>FFKM   |
| 431                                                                         |                      | 28405991                        | Bed Support Stud                                                     | 6            | 30             | ASTM 316L       |
| 432                                                                         |                      | 28405976                        | Insert                                                               | 6            | 30             | PEEK            |
| 433                                                                         |                      | 28932905                        | Seal                                                                 | 6            | 30             | EPDM            |
| 434                                                                         |                      | 18116177                        | Bed Support Nut                                                      | 6            | 30             | PEEK            |
| 628                                                                         |                      | 29088182                        | O-ring 1340×18                                                       | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088185                        | O-ring 1347×2.62                                                     | 1            | 1              | EPDM            |

## 9 AxiChrom 1400 columns

### 9.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 1400 columns |                      |                                 |                                                    |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                           | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 641                                                                         |                      | 29088188                        | Scraper 1400                                       | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600 | 1            | 1              | N/A             |
| N/A                                                                         |                      | 28982031                        | Removal tool                                       | 1            | 1              | N/A             |
| N/A                                                                         |                      | 28982032                        | Plastic mallet                                     | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>      |              |                | N/A             |
| For 20 µm                                                                   |                      |                                 |                                                    |              |                |                 |
| 301                                                                         |                      | 29088208                        | Bed support 1400 bottom 20 µm PE                   | 1            | 1              | PE              |
| 302                                                                         |                      | 29088219                        | Bed support 1400 top 20 µm PE                      | 1            | 1              | PE              |
| For 10 µm                                                                   |                      |                                 |                                                    |              |                |                 |
| 301                                                                         |                      | 29090164                        | Bed support 1400 bottom 10 µm PE                   | 1            | 1              | UHMWPE          |
| 302                                                                         |                      | 29090256                        | Bed support 1400 top 10 µm PE                      | 1            | 1              | UHMWPE          |
| Optional parts                                                              |                      |                                 |                                                    |              |                |                 |
| 111                                                                         |                      | 29090298                        | Fastener adaptor AxiChrom 1400-1600                | 1            | 16             | ASTM 316L       |
| 411                                                                         |                      | 29091010                        | Tee, 3TC, 1 1/2 inch                               | 1            | 1              | PP              |
| 412                                                                         |                      | 28985264                        | Pressure transmitter, TC50                         | 1            | 1              | Hastelloy       |
| 501                                                                         |                      | Custom <sup>3</sup>             | Tube MP bottom 1400, 29088316                      | 1            | 1              | PP              |
| 502                                                                         |                      | Custom <sup>3</sup>             | Tube SP bottom 1400, 29088318                      | 1            | 1              | PP              |



| Steel bed support conversion to plastic bed support - AxiChrom 1400 columns |                      |                                 |                                |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|--------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>       | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1400, 29088320 | 1            | 1              | PP              |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 29088116  | 1            | 1              | PP              |
| 505                                                                         |                      | 28958880                        | TC End cap 50                  | 5            | 4              | PP              |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom  | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.

## 9.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 1400 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 1400 columns |                      |                                 |                                                                 |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                        | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                 |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                      | 1            | 1              | N/A             |
| 401                                                                         |                      | 29383820                        | Distributor AxiChrom 1400bottom                                 | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1400, for SS bed support, 29047956 | 1            | 1              | PP              |
| 403                                                                         |                      | 29090345                        | Bed support screw bottom SS 1200-1600                           | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29090348                        | Bed support screw top SS 1200-1600                              | 1            | 1              | PEEK            |
| 413                                                                         |                      | 29087986                        | O-ring 61×2                                                     | 2            | 2              | FFPM/<br>FFKM   |
| 415                                                                         |                      | 29089545                        | O-ring 1337×15                                                  | 1            | 1              | EPDM            |
| 416                                                                         |                      | 29089547                        | O-ring 1257×15                                                  | 1            | 1              | EPDM            |
| 417                                                                         |                      | 29164957                        | O-ring 63.5×3.53                                                | 2            | 2              | FFPM/<br>FFKM   |
| 628                                                                         |                      | 29088182                        | O-ring 1340×18                                                  | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088185                        | O-ring 1347×2.62                                                | 1            | 1              | EPDM            |
| 641                                                                         |                      | 29088188                        | Scraper 1400                                                    | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600              | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>                   |              |                | N/A             |

| Plastic bed support conversion to steel bed support - AxiChrom 1400 columns |                      |                                 |                                     |              |                |                           |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>            | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                   |                      |                                 |                                     |              |                |                           |
| 301                                                                         |                      | 29090157                        | Bed support 1400 bottom 20 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090174                        | Bed support 1400 top 20 µm SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| For 10 µm                                                                   |                      |                                 |                                     |              |                |                           |
| 301                                                                         |                      | 29090154                        | Bed support 1400 bottom 10 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090171                        | Bed support 1400 top 10 µm SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| Optional parts                                                              |                      |                                 |                                     |              |                |                           |
| 111                                                                         |                      | 29090298                        | Fastener adaptor AxiChrom 1400-1600 | 1            | 16             | ASTM 316L                 |
| 411                                                                         |                      | 28938171                        | Tee, 3TC, 1 1/2 inch                | 1            | 1              | ASTM 316L                 |
| 501                                                                         |                      | Custom <sup>3</sup>             | Tube MP bottom 1400, 29054426       | 1            | 1              | ASTM 316L                 |
| 502                                                                         |                      | Custom <sup>3</sup>             | Tube SP bottom 1400, 29048721       | 1            | 1              | ASTM 316L                 |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1400, 29054429      | 1            | 1              | ASTM 316L                 |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 28945122       | 1            | 1              | ASTM 316L                 |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom       | 1            | 1              | N/A                       |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

## 9 AxiChrom 1400 columns

### 9.2 Plastic bed supports > steel bed supports

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.

# 10 AxiChrom 1600 columns

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## 10.1 Steel bed supports > plastic bed supports

The following table provides a list of the parts required for the conversion from steel bed supports to plastic bed supports in AxiChrom 1600 columns.

| Steel bed support conversion to plastic bed support - AxiChrom 1600 columns |                      |                                 |                                                                  |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|------------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                         | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                  |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                       | 1            | 1              | N/A             |
| 401                                                                         |                      | Custom <sup>3</sup>             | Distributor bottom AxiChrom 1600, for PE bed support, 29049380   | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1600, for PE bed support, 29049462  | 1            | 1              | PP              |
| 403                                                                         |                      | 29088227                        | Bed support screw bottom PE 1200-1600                            | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29088228                        | Bed support screw top PE 1200-1600                               | 1            | 1              | PEEK            |
| 405                                                                         |                      | Custom <sup>3</sup>             | Distributor ring AxiChrom 1600 top, for PE bed support, 29049397 | 1            | 1              | PP              |
| 406                                                                         |                      | 29091406                        | Snap ring 1600                                                   | 1            | 1              | UHMWPE          |
| 413                                                                         |                      | 29087986                        | O-ring 61×2                                                      | 2            | 2              | FFPM/<br>FFKM   |
| 431                                                                         |                      | 28405991                        | Bed Support Stud                                                 | 6            | 36             | ASTM 316L       |
| 432                                                                         |                      | 28405976                        | Insert                                                           | 6            | 36             | PEEK            |
| 433                                                                         |                      | 28932905                        | Seal                                                             | 6            | 36             | EPDM            |
| 434                                                                         |                      | 18116177                        | Bed Support Nut                                                  | 6            | 36             | PEEK            |
| 628                                                                         |                      | 29088183                        | O-ring 1536×18                                                   | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088186                        | O-ring 1544×2.62                                                 | 1            | 1              | EPDM            |

| Steel bed support conversion to plastic bed support - AxiChrom 1600 columns |                      |                                 |                                                    |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|----------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                           | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 641                                                                         |                      | 29088189                        | Scraper 1600                                       | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600 | 1            | 1              | N/A             |
| N/A                                                                         |                      | 28982031                        | Removal tool                                       | 1            | 1              | N/A             |
| N/A                                                                         |                      | 28982032                        | Plastic mallet                                     | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>      |              |                | N/A             |
| For 20 µm                                                                   |                      |                                 |                                                    |              |                |                 |
| 301                                                                         |                      | 29088209                        | Bed support 1600 bottom 20 µm PE                   | 1            | 1              | PE              |
| 302                                                                         |                      | 29088220                        | Bed support 1600 top 20 µm PE                      | 1            | 1              | PE              |
| For 10 µm                                                                   |                      |                                 |                                                    |              |                |                 |
| 301                                                                         |                      | 29090165                        | Bed support 1600 bottom 10 µm PE                   | 1            | 1              | UHMWPE          |
| 302                                                                         |                      | 29090257                        | Bed support 1600 top 10 µm PE                      | 1            | 1              | UHMWPE          |
| Optional parts                                                              |                      |                                 |                                                    |              |                |                 |
| 111                                                                         |                      | 29090298                        | Fastener adaptor AxiChrom 1400-1600                | 1            | 18             | ASTM 316L       |
| 411                                                                         |                      | 29091010                        | Tee, 3TC, 1 1/2 inch                               | 1            | 1              | PP              |
| 412                                                                         |                      | 28985264                        | Pressure transmitter, TC50                         | 1            | 1              | Hastelloy       |
| 501                                                                         |                      | Custom <sup>3</sup>             | Tube MP bottom 1600, 28938601                      | 1            | 1              | PP              |
| 502                                                                         |                      | Custom <sup>3</sup>             | Tube SP bottom 1600, 28938606                      | 1            | 1              | PP              |

10 AxiChrom 1600 columns

10.1 Steel bed supports > plastic bed supports

| Steel bed support conversion to plastic bed support - AxiChrom 1600 columns |                      |                                 |                                |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|--------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>       | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1600, 28947703 | 1            | 1              | PP              |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 29088116  | 1            | 1              | PP              |
| 505                                                                         |                      | 28958880                        | TC End cap 50                  | 5            | 4              | PP              |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom  | 1            | 1              | N/A             |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.



## 10.2 Plastic bed supports > steel bed supports

The following table provides a list of the parts required for the conversion from plastic bed supports to steel bed supports in AxiChrom 1600 columns.

| Plastic bed support conversion to steel bed support - AxiChrom 1600 columns |                      |                                 |                                                                 |              |                |                 |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-----------------------------------------------------------------|--------------|----------------|-----------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>                                        | Qty/<br>Pack | Qty/<br>Column | Wetted material |
| Required parts                                                              |                      |                                 |                                                                 |              |                |                 |
| 129                                                                         |                      | Custom <sup>3</sup>             | Level display AxiChrom 1200-1600, 28938441                      | 1            | 1              | N/A             |
| 401                                                                         |                      | 29426537                        | Distributor AxiChrom 1600 bottom                                | 1            | 1              | PP              |
| 402                                                                         |                      | Custom <sup>3</sup>             | Distributor adaptor AxiChrom 1600, for SS bed support, 28938482 | 1            | 1              | PP              |
| 403                                                                         |                      | 29090345                        | Bed support screw bottom SS 1200-1600                           | 1            | 1              | PEEK            |
| 404                                                                         |                      | 29090348                        | Bed support screw top SS 1200-1600                              | 1            | 1              | PEEK            |
| 413                                                                         |                      | 29087986                        | O-ring 61×2                                                     | 2            | 2              | FFPM/<br>FFKM   |
| 415                                                                         |                      | 29088046                        | O-ring 1535×15                                                  | 1            | 1              | EPDM            |
| 416                                                                         |                      | 29089548                        | O-ring 1455×15                                                  | 1            | 1              | EPDM            |
| 417                                                                         |                      | 29164957                        | O-ring 63.5×3.53                                                | 2            | 2              | FFPM/<br>FFKM   |
| 628                                                                         |                      | 29088183                        | O-ring 1536×18                                                  | 1            | 2              | EPDM            |
| 629                                                                         |                      | 29088186                        | O-ring 1544×2.62                                                | 1            | 1              | EPDM            |
| 641                                                                         |                      | 29088189                        | Scraper 1600                                                    | 1            | 2              | UHMWPE          |
| N/A                                                                         |                      | 29487257                        | Fastener kit for Net Conversion AxiChrom 1200-1600              | 1            | 1              | N/A             |
| N/A                                                                         |                      | N/A <sup>4</sup>                | AxiChrom Master software upgrade <sup>5</sup>                   |              |                | N/A             |

## 10 AxiChrom 1600 columns

### 10.2 Plastic bed supports > steel bed supports

| Plastic bed support conversion to steel bed support - AxiChrom 1600 columns |                      |                                 |                                     |              |                |                           |
|-----------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------------|--------------|----------------|---------------------------|
| Pos no.                                                                     | Pos no. <sup>1</sup> | Spare part/<br>Accessory number | Description <sup>2</sup>            | Qty/<br>Pack | Qty/<br>Column | Wetted material           |
| For 20 µm                                                                   |                      |                                 |                                     |              |                |                           |
| 301                                                                         |                      | 29090156                        | Bed support 1600 bottom 20 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090173                        | Bed support 1600 top 20 µm SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| For 10 µm                                                                   |                      |                                 |                                     |              |                |                           |
| 301                                                                         |                      | 29090155                        | Bed support 1600 bottom 10 µm SS    | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| 302                                                                         |                      | 29090172                        | Bed support 1600 top 10 µm SS       | 1            | 1              | ASTM S32205/<br>ASTM 316L |
| Optional parts                                                              |                      |                                 |                                     |              |                |                           |
| 111                                                                         |                      | 29090298                        | Fastener adaptor AxiChrom 1400-1600 | 1            | 18             | ASTM 316L                 |
| 411                                                                         |                      | 28938171                        | Tee, 3TC, 1 1/2 inch                | 1            | 1              | ASTM 316L                 |
| 501                                                                         |                      | Custom <sup>3</sup>             | Tube MP bottom 1600, 28938601       | 1            | 1              | ASTM 316L                 |
| 502                                                                         |                      | Custom <sup>3</sup>             | Tube SP bottom 1600, 28938606       | 1            | 1              | ASTM 316L                 |
| 503                                                                         |                      | Custom <sup>3</sup>             | Tube CIP bottom 1600, 28947703      | 1            | 1              | ASTM 316L                 |
| 504                                                                         |                      | Custom <sup>3</sup>             | Connector top inlet, 28945122       | 1            | 1              | ASTM 316L                 |
| 904                                                                         |                      | 28959996                        | Level display label, AxiChrom       | 1            | 1              | N/A                       |

<sup>1</sup> Numbers in this column indicate that the item is included in the spare part listed in the line above.

<sup>2</sup> Dimensions are in mm unless otherwise stated.

<sup>3</sup> Components that do not have a spare part/accessory number listed in this column can be ordered through the custom parts escalation workflow. Requests to the workflow should include the full part description.

<sup>4</sup> Spare part number available in Capability matrix 28957412 or contact your local sales team.

<sup>5</sup> AxiChrom Master upgrade is only required for software releases before 3.10.



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