

# AxiChrom™ 100

## 5.2 Spare parts list

### Table of contents

<b>1</b>	<b>Introduction .....</b>	<b>2</b>
1.1	Purpose and scope .....	2
<b>2</b>	<b>Spare parts policy.....</b>	<b>3</b>
2.1	Spare parts definition.....	3
2.2	Spare parts delivery .....	3
2.3	Unlisted parts .....	3
2.4	Recommendation.....	3
2.5	Ordering of spare parts .....	3
<b>3</b>	<b>Spare parts list 100 300 20 PE.....</b>	<b>4</b>
<b>4</b>	<b>Spare parts list 100 300 20 SS.....</b>	<b>6</b>
<b>5</b>	<b>Spare parts list 100 500 20 PE.....</b>	<b>8</b>
<b>6</b>	<b>Spare parts list 100 500 20 SS.....</b>	<b>10</b>
<b>7</b>	<b>10 µm PE bed support option .....</b>	<b>12</b>
<b>8</b>	<b>10 µm SS bed support option .....</b>	<b>13</b>

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AB / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 1 of (14)

# 1 Introduction

## 1.1 Purpose and scope

This document lists the spare parts for the product, the product code is shown in the footer. Spare parts are available for sale.

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 2 of (14)

## 2 Spare parts policy

### 2.1 Spare parts definition

Spare parts are defined as a part that needs to be regularly replaced due to contamination, wear or a potential for it to be lost. The identification is based on the recommendation from our Engineering group.

### 2.2 Spare parts delivery

Most of the spare parts in this list are available from stock. Stocked parts ordered will be shipped within 3 days. Please note that parts temporarily out of stock, may have 4 to 12 weeks delivery time. Non-stocked spare parts have an estimated delivery time of 4 to 16 weeks.

### 2.3 Unlisted parts

Other parts that are not itemized on the spare parts list will be manufactured to order. Parts ordered as a special request have an estimated delivery time of 6 to 16 weeks.

### 2.4 Recommendation

The Spare parts list contains a recommendation (Rec. spare) on what parts should be ordered in advance and stocked on your site ensuring availability in case of a breakdown or replacement need.

You should consider holding a stock of parts that would enable you to recover from a breakdown in accordance with your own recovery plans. Cytiva offers several options to help you meet your parts availability needs and minimize the risk of downtime. Our staff would be happy to assist in reviewing your needs.

Recommended for Preventive Maintenance (Incl. in PM) lists parts that is included/exchanged during Preventive Maintenance Visit (PM). B = Basic PM visit / C = Comprehensive PM visit.

### 2.5 Ordering of spare parts

To order spare parts, please contact the local Sales/Service office.

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 3 of (14)

### 3 Spare parts list 100 300 20 PE

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
101	Stop plug 5/16", PKG/5	PEEK	18111250	5	2	-	-
102	Guide ring AxiChrom 100	PTFE	28932943	1	1	-	-
103	Adaptor rod seal AxiChrom 100	EPDM	28932982	1	1	-	-
104	O-ring 10.3x2.4	FPM/FKM	28401783	1	1	-	-
105	Adaptor rod top AxiChrom 100	ASTM 316	28401956	1	1	-	-
106	Set screw M4x5	A4	28401976	5	5	-	-
107 126	Vent valve M8	-	28960875	1	1	1	-
108	O-ring 98x3	EPDM	28401967	1	1	-	-
109	Tube connection 5/16 id 2.9 Fem/fem	PEEK	28963351	1	1	1	Y/-
111	O-ring 23,52x1,78	EPDM	28401968	1	1	-	-
114	O-ring 104.5x3	EPDM	28401961	2	2	-	-
115	Tube support AxiChrom 100	POM-C	28906922	2	2	-	-
116 118	Check valve Inner cpl	-	18116988	1	1	1	-
119	Washer 8.4x16x1.5	A4	19078101	6	6	-	-
124	Check valve adapter	Titanium	28401978	1	1	-	-
127	O-ring 70x2,5	EPDM	28963306	3	1	1	-
131	Stop plug 5/16	PEEK	28981957	1	2	-	-
201	Column tube 100/300 short	Borosilicate 3.3	28963341	1	1	-	Y/Y
301 302	Bed support AxiChrom 100 20 µm top/bottom	PE	28981126	2	2	1	Y/-
402	Distributor 100 top	PP	28981172	1	1	-	Y/-
403	Screw M3x25	A4	28933003	6	8	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 4 of (14)

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
404	Distributor 100 bottom	PP	28981173	1	1	-	Y/-
405	Adaptor tube id 2.9	PVDF	28981285	1	1	1	Y/-
412	Washer 4.3x12.1	A4	28932990	8	8	-	-
413	O-ring 3.69x1.78	EPDM	28932992	8	8	-	-
421	Snap ring 100 top/bottom	PTFE	28981174	1	2	-	Y/-
501	Adaptor plate AxiChrom 100	ASTM S32205	28981122	1	1	-	-/Y
502	Bottom plate AxiChrom 100	316L	28981123	1	1	-	-/Y
602	O-ring 3x1	EPDM	28963214	3	2	1	Y/-
604	O-ring 91.67x3.53	EPDM	28932994	1	1	1	Y/-
605	Scraper AxiChrom 100	UHMWPE	28932996	1	1	1	Y/-
606	O-ring 88x4	EPDM	28963312	2	1	1	Y/-
801	Screw M6x20	A4	28933035	6	6	-	-/Y
802	Adaptor rod AxiChrom 100	ASTM 316L	28401953	1	1	-	-/Y
803	Top plate AxiChrom 100	ASTM S32205	28978950	1	1	-	-/Y
804	Top bayonet 100	ASTM S32205	28978967	1	1	-	-/Y
805	Bottom flange AxiChrom 100	ASTM 316	28401944	1	1	-	-/Y
806	Hex. nut M8	A4	19076301	5	6	-	-/Y
901	Tie bar M8 300	ASTM 316	28401946	1	6	-	-/Y
	Bayonet tool	-	28401390	2	2	-	-
	Hook wrench key	-	28907141	1	1	-	-
	Mounting aid for o-rings	PS	28924749	2	2	-	-
	Centering tool AxiChrom 100	PP	29013200	1	2	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 5 of (14)

## 4 Spare parts list 100 300 20 SS

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
101	Stop plug 5/16", PKG/5	PEEK	18111250	5	2	-	-
102	Guide ring AxiChrom 100	PTFE	28932943	1	1	-	-
103	Adaptor rod seal AxiChrom 100	EPDM	28932982	1	1	-	-
104	O-ring 10.3x2.4	FPM/FKM	28401783	1	1	-	-
105	Adaptor rod top AxiChrom 100	ASTM 316	28401956	1	1	-	-
106	Set screw M4x5	A4	28401976	5	5	-	-
107 126	Vent valve M8	-	28960875	1	1	1	-
108	O-ring 98x3	EPDM	28401967	1	1	-	-
109	Tube connection 5/16 id 2.9 Fem/fem	PEEK	28963351	1	1	1	Y/-
111	O-ring 23,52x1,78	EPDM	28401968	1	1	-	-
114	O-ring 104.5x3	EPDM	28401961	2	2	-	-
115	Tube support AxiChrom 100	POM-C	28906922	2	2	-	-
116 118	Check valve Inner cpl	-	18116988	1	1	1	-
119	Washer 8.4x16x1.5	A4	19078101	6	6	-	-
124	Check valve adapter	Titanium	28401978	1	1	-	-
127	O-ring 70x2,5	EPDM	28963306	3	1	1	Y/-
131	Stop plug 5/16	PEEK	28981957	1	2	-	-
201	Column tube 100/300 short	Borosilicate 3.3	28963341	1	1	-	Y/Y
301	Bed support AxiChrom 100 20 µm top	PEEK/ASTM 316L	28963333	1	1	1	Y/-
302	Bed support AxiChrom 100 20 µm bottom	PEEK/ASTM 316L	28933001	1	1	1	Y/-
401	Screw M4x17	A4	28932986	8	8	-	-
402	End cell AxiChrom 100	PP	28963358	1	1	-	Y/-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 6 of (14)

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
403	Screw M3x25	A4	28933003	6	6	-	-
404	End cell AxiChrom 100	PP	28963358	1	1	-	Y/-
405	Adaptor tube id 2.9 L=636	PVDF	28963326	1	1	1	Y/-
411	O-ring 70x2,5	EPDM	28963306	3	2	1	Y/-
412	Washer 4.3x12.1	A4	28932990	8	8	-	-
413	O-ring 3.69x1.78	EPDM	28932992	8	8	-	-
501	Adaptor plate AxiChrom 100	ASTM S32205	28978951	1	1	-	-/Y
502	Bottom plate AxiChrom 100	ASTM 316L	28401948	1	1	-	-/Y
602	O-ring 3x1	EPDM	28963214	3	2	1	Y/-
604	O-ring 91.67x3.53	EPDM	28932994	1	1	1	Y/-
605	Scraper AxiChrom 100	UHMWPE	28932996	1	1	1	Y/-
606	O-ring 88x4	EPDM	28963312	2	1	1	Y/-
801	Screw M6x20	A4	28933035	6	6	-	-/Y
802	Adaptor rod AxiChrom 100	ASTM 316L	28401953	1	1	-	-/Y
803	Top plate AxiChrom 100	ASTM S32205	28978950	1	1	-	-/Y
804	Top bayonet 100	ASTM S32205	28978967	1	1	-	-/Y
805	Bottom flange AxiChrom 100	ASTM 316	28401944	1	1	-	-/Y
806	Hex. nut M8	A4	19076301	5	6	-	-/Y
901	Tie bar M8 300	ASTM 316	28401946	1	6	-	-/Y
	Bayonet tool	-	28401390	2	2	-	-
	Hook wrench key	-	28907141	1	1	-	-
	Mounting aid for o-rings	PS	28924749	2	2	-	-
	Centering tool AxiChrom 100	PP	29013200	1	2	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 7 of (14)

## 5 Spare parts list 100 500 20 PE

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
101	Stop plug 5/16", PKG/5	PEEK	18111250	5	2	-	-
102	Guide ring AxiChrom 100	PTFE	28932943	1	1	-	-
103	Adaptor rod seal AxiChrom 100	EPDM	28932982	1	1	-	-
104	O-ring 10.3x2.4	FPM/FKM	28401783	1	1	-	-
105	Adaptor rod top AxiChrom 100	ASTM 316	28401956	1	1	-	-
106	Set screw M4x5	A4	28401976	5	5	-	-
107 126	Vent valve M8	-	28960875	1	1	1	-
108	O-ring 98x3	EPDM	28401967	1	1	-	-
109	Tube connection 5/16 id 2.9 Fem/fem	PEEK	28963351	1	1	1	Y/-
111	O-ring 23,52x1,78	EPDM	28401968	1	1	-	-
114	O-ring 104.5x3	EPDM	28401961	2	2	-	-
115	Tube support AxiChrom 100	POM-C	28906922	2	2	-	-
116 118	Check valve Inner cpl	-	18116988	1	1	1	-
119	Washer 8.4x16x1.5	A4	19078101	6	6	-	-
124	Check valve adapter	Titanium	28401978	1	1	-	-
127	O-ring 70x2,5	EPDM	28963306	3	1	1	Y/-
131	Stop plug 5/16	PEEK	28981957	1	2	-	-
201	Column tube 100/500 long	Borosilicate 3.3	28963347	1	1	-	Y/Y
301 302	Bed support AxiChrom 100 20 µm top/bottom	PE	28981126	2	2	1	Y/-
402	Distributor 100 top	PP	28981172	1	1	-	-
403	Screw M3x25	A4	28933003	6	8	-	-
404	Distributor 100 bottom	PP	28981173	1	1	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 8 of (14)

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
405	Adaptor tube id 2.9	PVDF	28981285	1	1	1	Y/-
412	Washer 4.3x12.1	A4	28932990	8	8	-	-
413	O-ring 3.69x1.78	EPDM	28932992	8	8	-	-
421	Snap ring 100 top/bottom	PTFE	28981174	1	2	-	Y/-
501	Adaptor plate AxiChrom 100	ASTM S32205	28981122	1	1	-	-/Y
502	Bottom plate AxiChrom 100	316L	28981123	1	1	-	-/Y
602	O-ring 3x1	EPDM	28963214	3	2	1	Y/-
604	O-ring 91.67x3.53	EPDM	28932994	1	1	1	Y/-
605	Scraper AxiChrom 100	UHMWPE	28932996	1	1	1	Y/-
606	O-ring 88x4	EPDM	28963312	2	1	1	Y/-
801	Screw M6x20	A4	28933035	6	6	-	-/Y
802	Adaptor rod AxiChrom 100	ASTM 316L	28401953	1	1	-	-/Y
803	Top plate AxiChrom 100	ASTM S32205	28978950	1	1	-	-/Y
804	Top bayonet 100	ASTM S32205	28978967	1	1	-	-/Y
805	Bottom flange AxiChrom 100	ASTM 316	28401944	1	1	-	-/Y
806	Hex. nut M8	A4	19076301	5	6	-	-/Y
901	Tie bar M8 500	ASTM 316	28401947	1	6	-	-/Y
	Bayonet tool	-	28401390	2	2	-	-
	Hook wrench key	-	28907141	1	1	-	-
	Mounting aid for o-rings	PS	28924749	2	2	-	-
	Centering tool AxiChrom 100	PP	29013200	1	2	-	-
	Mounting aid for o-rings	PS	28924749	2	2	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 9 of (14)

## 6 Spare parts list 100 500 20 SS

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
101	Stop plug 5/16", PKG/5	PEEK	18111250	5	2	-	-
102	Guide ring AxiChrom 100	PTFE	28932943	1	1	-	-
103	Adaptor rod seal AxiChrom 100	EPDM	28932982	1	1	-	-
104	O-ring 10.3x2.4	FPM/FKM	28401783	1	1	-	-
105	Adaptor rod top AxiChrom 100	ASTM 316	28401956	1	1	-	-
106	Set screw M4x5	A4	28401976	5	5	-	-
107 126	Vent valve M8	-	28960875	1	1	1	-
108	O-ring 98x3	EPDM	28401967	1	1	-	-
109	Tube connection 5/16 id 2.9 Fem/fem	PEEK	28963351	1	1	1	Y/-
111	O-ring 23,52x1,78	EPDM	28401968	1	1	-	-
114	O-ring 104.5x3	EPDM	28401961	2	2	-	-
115	Tube support AxiChrom 100	POM-C	28906922	2	2	-	-
116 118	Check valve Inner cpl	-	18116988	1	1	1	-
119	Washer 8.4x16x1.5	A4	19078101	6	6	-	-
124	Check valve adapter	Titanium	28401978	1	1	-	-
127	O-ring 70x2,5	EPDM	28963306	3	1	1	Y/-
131	Stop plug 5/16	PEEK	28981957	1	2	-	-
201	Column tube 100/500 long	Borosilicate 3.3	28963347	1	1	-	Y/Y
301	Bed support AxiChrom 100 20 µm top	PEEK/ASTM 316L	28963333	1	1	1	Y/-
302	Bed support AxiChrom 100 20 µm bottom	PEEK/ASTM 316L	28933001	1	1	1	Y/-
401	Screw M4x17	A4	28932986	8	8	-	-
402	End cell AxiChrom 100	PP	28963358	1	1	-	Y/-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 10 of (14)

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
403	Screw M3x25	A4	28933003	6	6	-	-
404	End cell AxiChrom 100	PP	28963358	1	1	-	Y/-
405	Adaptor tube id 2.9 L=636	PVDF	28963326	1	1	1	Y/-
411	O-ring 70x2,5	EPDM	28963306	3	2	1	Y/-
412	Washer 4.3x12.1	A4	28932990	8	8	-	-
413	O-ring 3.69x1.78	EPDM	28932992	8	8	-	-
501	Adaptor plate AxiChrom 100	ASTM S32205	28978951	1	1	-	-/Y
502	Bottom plate AxiChrom 100	ASTM 316L	28401948	1	1	-	-/Y
602	O-ring 3x1	EPDM	28963214	3	2	1	Y/-
604	O-ring 91.67x3.53	EPDM	28932994	1	1	1	Y/-
605	Scraper AxiChrom 100	UHMWPE	28932996	1	1	1	Y/-
606	O-ring 88x4	EPDM	28963312	2	1	1	Y/-
701-1	Pivot stand 50-100 500	ASTM 316	28401710	1	1	-	-
801	Screw M6x20	A4	28933035	6	6	-	-/Y
802	Adaptor rod AxiChrom 100	ASTM 316L	28401953	1	1	-	-/Y
803	Top plate AxiChrom 100	ASTM S32205	28978950	1	1	-	-/Y
804	Top bayonet 100	ASTM S32205	28978967	1	1	-	-/Y
805	Bottom flange AxiChrom 100	ASTM 316	28401944	1	1	-	-/Y
806	Hex. nut M8	A4	19076301	5	6	-	-/Y
901	Tie bar M8 500	ASTM 316	28401947	1	6	-	-/Y
	Bayonet tool	-	28401390	2	2	-	-
	Hook wrench key	-	28907141	1	1	-	-
	Mounting aid for o-rings	PS	28924749	2	2	-	-
	Centering tool AxiChrom 100	PP	29013200	1	2	-	-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 11 of (14)

## 7 10 µm PE bed support option

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
301 302	Bed support AxiChrom 100 10µm top/bottom	PE	28981127	2	2	1	Y/-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 12 of (14)

## 8 10 µm SS bed support option

Pos no	Description	Material	Code no	Units per pack	Units installed	Recomm. no of packs	Wetted / Pressure retaining part
301	Bed support AxiChrom 100 10 µm top	PEEK/ASTM 316L	28401981	1	1	1	Y/-
302	Bed support AxiChrom 100 10 µm bottom	PEEK/ASTM 316L	28932999	1	1	1	Y/-

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 13 of (14)

Page intentionally left blank

© 2023 Cytiva

Document name 5.2 Spare parts list	Document number 29629681	Document revision / date AC / 30-Aug-2023
Product type AxiChrom 100	Product code N/A	Customer reference N/A
Reference N/A	Product model revision N/A	Page number 14 of (14)