

Tube Rack SR

The solvent resistant Tube Rack SR, (see below for code no.) is for use with fraction collectors GradiFrac™, RediFrac, FRAC-100 and FRAC-200. It is specifically designed to withstand the harsh treatment of organic solvents commonly used in organic chemistry and HPLC. All exposed surfaces consist of PBT (Polybutylterphtalate). The chemical resistance of this material is indicated in Table 1.

Specifications

Tube Rack SR	Diameter range (mm)	Height range (mm)	Max No. tubes per Rack	Code No.
12 mm	12	50–180	175	19-8684-03
18 mm	10–18	50–180*	95	18-3050-03
28 mm	28	30–180	45	19-7820-03

* If > 100 mm, diameter must be 10% of height.

Unpacking

Carefully unpack the Tube Rack SR. Check the contents against the enclosed packing list. Notify your Pharmacia Biotech representative immediately if any parts are missing or damaged.

Solvent resistance

The Tube Rack SR is designed to withstand aqueous buffers in the pH range 1–14 as well as organic solvents.

Below is a list stating the resistance against different solutions.

Table 1. Chemical resistance of PBT.

Chemical	Resistance	Chemical	Resistance
Methanol	+	Ethanol	+
Hexane	+	Acetone	+
Chloroform	+	Ethanolamine	+
Acetonitrile	+	Ethylacetate	+
Isopropanol	+	8 M Urea	+
Dichloroethane	+	5 M Ammonia	+
Tetrahydrofurane	+	50% Acetic Acid	+
2.5 M NaCl/HCl	+	20% Phosphoric Acid	+
Toluene	+	5 M NaCl	+
Conc. Sulfonic Acid*	+/-		

* withstands spill

Installation

For assembly of tube rack, please consult instructions and illustrations in the Fraction Collectors GradiFrac, RediFrac, FRAC-100 or FRAC-200 User Manual.

Accessories

Designation	Code No.	No. per pack
Funnel Tubing 250 mm SR	18-3020-01	1

to order:

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