

XK chromatography columns

Product Information

Cat#No# XK-016C

Product Overview

XK empty columns are designed for low to medium pressure, are user friendly, robust, and give reproducible packing.

Description

The user-friendly design of XK columns ensures trouble-free operation with fittings for direct connection to ÄKTA design instruments or other high-performance liquid chromatography systems. The product family is based on a robust design for high reproducibility and accurate results. XK columns are compatible with aqueous solutions and most organic solvents used in liquid chromatography of macromolecules.

Characteristic

Plunger design to ensure a homogeneous buffer distribution and reproducible packing.

Adapter QuickLock mechanism that facilitates column handling and cleaning.

Fittings for direct connection to chromatography systems.

Cooling jacket for sensitive purifications.

Chemical stability

Resistant to aqueous solutions and solvents used in liquid chromatography. Not resistant to Acetone, Ketones, Chlorinated Hydrocarbons, Aliphatic Esters and Phenol. Should be avoided: >10% NaOH, >10% HCl, >5% acetic acid, and strong mineral acids.

Column i.d.

16 mm

Bed support

Net

Material (bed support)

Polypropylene (PP) (reinforced glass fiber), Polyamide (PA).

Material (column tube)

XK chromatography columns

Borosilicate Glass

Porosity

10 µm

Material (column hardware)

Borosilicate Glass, Polyamide, Polypropylene, PTFE, ETFE, FEP, PMMA (Acrylic)

Tube height

200 mm
