

PreDicator RoboColumn Octyl Sepharose 4FF

Product Information

Cat#No# Pr-178P

Product Overview

PreDicator RoboColumn units are prepacked, miniaturized columns that support HTPD using a robotic liquid handling workstation, such as Freedom Evo from Tecan, for fully automated and parallel chromatographic separations. Perform HTPD work using PreDicator RoboColumn units, alone or as a complement to PreDicator 96-well filter plates.

Description

PreDicator RoboColumn units are miniaturized chromatographic columns prepacked with BioProcess chromatography resins. The columns are available for several chromatographic techniques such as ion exchange chromatography (IEX), affinity chromatography (AC), multimodal chromatography (MM), and hydrophobic interaction chromatography (HIC).

PreDicator RoboColumn units are part of the toolbox for high-throughput process development (HTPD). These miniaturized columns support HTPD by using a robotic liquid handling workstation, such as Freedom EVO from Tecan, for fully automated and parallel chromatographic separations. Perform HTPD work using PreDicator RoboColumn units alone or as a complement to PreDicator 96-well filter plates

Characteristic

Supports high-throughput process development (HTPD) by allowing parallel screening of chromatographic conditions using a miniaturized column format and robotic workstation.

Facilitates screening of a wide range of parameters with small sample consumption.

Prepacked with a range of BioProcess chromatography resins.

Automation and parallel screening reduces experimental time and minimizes hands-on time.

High-throughput workflow allows investigation of enlarged experimental workspace for better process understanding.

Maximum operating pressure

Up to 8.0 bar

Particle Size

PreDicator RoboColumn Octyl Sepharose 4FF

7 to 12 μm

Recommended flow rate

16 to 1000 cm/h

Recommended column height

39 mm

Chemical stability

Commonly used aqueous buffers, pH 1 to 14, organic solvents.

Storage

4°C to 30°C

Pack size

200 μL

Dimensions

128.3 × 14.0 × 86.0 mm (w × h × d)

Column i.d.

5 mm
