

96-well Array Plate

Product Information

Cat#No# AP-001C

Product Overview

Up to 96 PreDicator RoboColumn units can be arranged on a 96-well array plate. This modular design facilitates the setup of automated parallel experiments.

Description

PreDicator RoboColumn units is 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

Miniaturized column format: facilitates screening of a wide range of parameters with small sample consumption.

Reduced experimental time: automation and parallel screening minimize manual labor and save time.

Increased process understanding: high-throughput workflow allows investigation of enlarged experimental space for better process understanding.

Support workflows using HTPD bioreactors with parallel purification for product quality comparisons.

Maximum operating pressure

Up to 8.0 bar

Recommended flow rate

Up to 8.0 bar

Recommended column height

39 mm

96-well Array Plate

Chemical stability

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

Temperature stability

4°C to 30°C

Pack size

1 plate

Dimensions

128.3 × 14.0 × 86.0 mm (W x H x D)

Column volume

50 µL

Column i.d.

5 mm
