PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

83000-SP-GH

Guard Column Holder, Semi Prep, Cogent RP, NP or IEX Guard. Accepts 10mm x 10mm ID Prep Cartridges. Cogent Brand. 1 EA.

Additional Info

The 83000 SP GH Cogent™ Semi Prep Guard Column Holder is a dedicated hardware assembly designed to protect 10 /mm internal diameter preparative columns from contamination and particulate damage during semi preparative chromatography. This holder is engineered specifically for Cogent RP, Cogent NP, and Cogent IEX semi prep guard cartridges, which are sold separately.

Constructed with a stainless steel body and stainless steel frits, the holder provides the mechanical strength and chemical durability required for higher flow rates and larger sample loads typical of semi preparative methods. Proper use of a semi prep guard holder helps prevent sample contaminants and undissolved particulates from reaching the preparative column bed, preserving column efficiency and extending column lifetime.

Unlike analytical guard holders, semi prep systems require larger bore, rigid hardware to maintain alignment and withstand operational stresses. The 83000 SP GH is purpose built to meet these requirements.

Why a Semi Prep Guard Column Holder Is Essential

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