PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

83200-GH

CUSTOM ITEM: Guard Column Holder High Pressure, Accepts 2.1 mm ID, 10 mm long Cogent brand high pressure guard cartridges. Cogent Brand. 1 EA.

Additional Info

The 83200 GH Cogent™ High Pressure Guard Column Holder is a specialized hardware solution designed specifically for high pressure HPLC applications where standard guard column holders may not provide sufficient mechanical integrity or sealing performance. This holder is engineered to securely house 2.1 /mm ID, 10 /mm long Cogent high pressure guard cartridges, maintaining proper alignment and minimizing dead volume under elevated system pressures.

This guard holder is compatible with Cogent TYPE C, Cogent RP, Cogent NP, and Cogent IEX guard cartridges, making it suitable for a wide range of stationary phases used in demanding analytical workflows. It is especially useful during high pressure methods, where flow resistance, backpressure, and connector robustness are critical factors in preserving chromatographic performance.

Using a holder designed specifically for high pressure operation helps protect both the guard cartridge and the analytical column, reducing the risk of leaks, cartridge compression, or performance loss during extended runs or pressure intensive gradients.

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