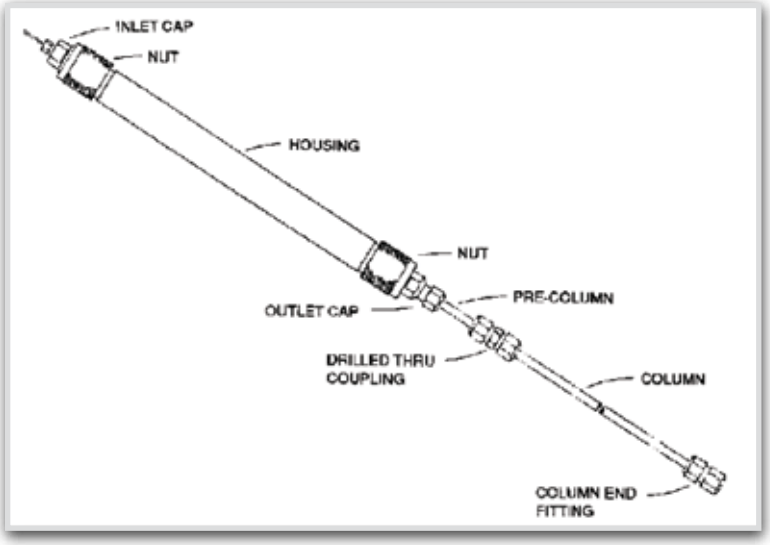
Column Packing Reservoir

Modular Design for Fast Interchange of Housings and Connectors



Reservoirs of 20, 40, and 80 mL are available with connections for 1/4" outside diameter columns. Adapters are available to accomodate special end fittings.

Modular Column Packing Reservoir System

Our column packing reservoir system is specifically designed to provide fast, versatile, safe packing of efficient, reproducible columns.

An internal baffle prevents the inlet flow stream from impinging directly on the slurry in the reservoir. A conical outlet section promotes smooth transfer of the slurry to the column. The quick-changed threaded reservoir closures help avoid slurry settling problems and promote more reproducible packings.

The modular design allows fast interchange of reservoir housings and column connectors.

Knurled closure nuts and Kalrez® seals combine to allow fast, leak-tight changes to be made by hand -- no tools required. Although designed for long, reliable service, the seals can be quickly and easily replaced when necessary. The column couplings are drilled to allow direct contact of the column to a precolumn of the same diameter. This allows the columns to be removed without disturbing the packing bed.

The system is designed for working pressures of 15,000 psi (103 Mpa). The threaded reservoir closures avoid the potential hazards of large compression fittings in high-pressure applications.

Ordering Information

A complete system requires one inlet cap, two knurled closure nuts, one reservoir, one outlet cap, and one drilled-through coupling.

Description	Part No.
1. Choose one Inlet Cap (includes nut, ferrule and O-ring seal):	
Inlet Cap, 1/16" inlet tubing	010241
Inlet Cap, 1/4" inlet tubing	010242
2. Order two (2) Knurled Closure Nuts:	
Knurled Closure Nuts (2 req'd)	011185
3. Specify Reservoir Capacity:	
20 mL Reservoir	011191
40 mL Reservoir	011192
80 mL Reservoir	011193
4. Order one (1) Outlet Cap (includes CPI nut, ferrule and O-ring seal):	
Outlet Cap, 1/4" Column O.D.	010228
5. Order one (1) Coupling:	
Drilled-Through Coupling, 1/4"	010122

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