

Single-use chromatography systems fit for your purpose

Designed to meet your exact requirements, every aspect of the system is tailored to your needs— from the flow path, to your preferred brand filter and column, to the automation and control platform.

Single-use chromatography designed your way

Agilitech engineering experts work with you to customize every aspect of the chromatography system, combining any number of features and functions to fit your specific needs. An open system design provides complete freedom to choose your preferred brand of column, filters, and other components, as well as the automation and control platform. The chromatography skid is engineered to accommodate virtually any low flow rate requirements. The result: column sizes and resin quantities can be optimized for your specific process needs, keeping raw material costs as low as possible. A broad dynamic range enables optimization for every application. And the combination of optimally sized inline analytical sensors and well-less measurement devices reduce hold up.

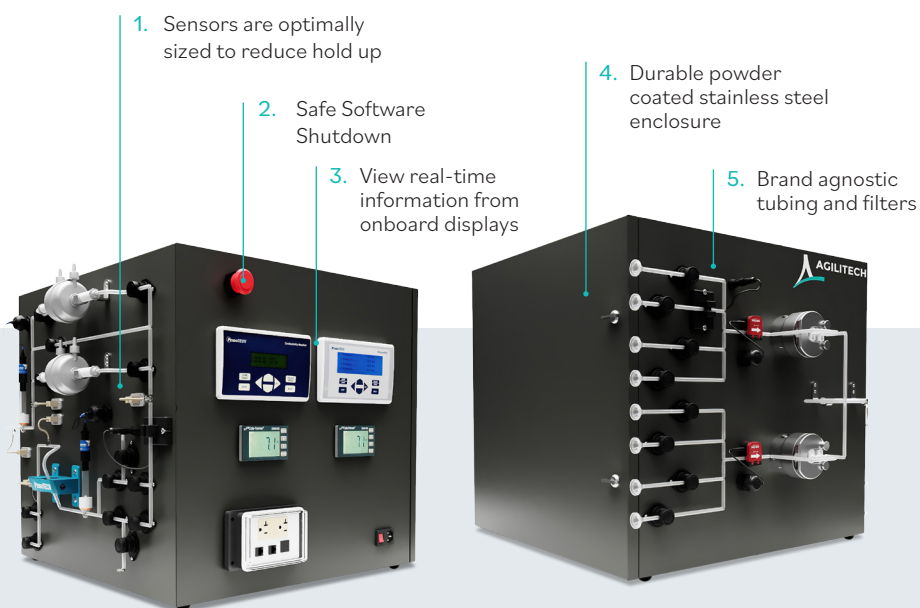
- Fully sterilized single-use tubing sets, complete with integrated sensors, minimize risk of contamination
- Run as a stand-alone unit or integrate into an existing or new DCS/SCADA system
- Delivered with your preferred automation and control system: DeltaV®, Rockwell Automation®, or other
- Flexible operation: manual mode, load individual steps, or run a fully automated sequence
- Run, bind, and elute, or flow-through process steps
- Transitions from flow to pressure control, as needed
- Optimized intuitive control panel provides quick access to the functions and data you need most
- Compact footprint saves valuable bench space

Technical Specifications

Attribute	C125	C250
General Skid Specifications		
Pressure	0-60 psi/4 bar	0-60 psi/4 bar
pH	2-12 pH	2-12 pH
Conductivity	0-100 mS/cm	0-100 mS/cm
UV Wavelength	0-3 AU Dual Wavelength - 280 nm and 300 nm standard. Customer configurable to any 2 wavelengths between 255-1000 nm	
Temperature Range	2-50°C	2-50°C
Humidity (non-condensing)	10-90%	10-90%
Utility Required, Skid Power	110-120 VAC	110-120 VAC
Wetted Materials	USP <88> Class VI and animal free	
Inlets	8 (4 ea inlet header)	8 (4 ea inlet header)
Outlets	2	2
Tubing ID	0.125 in	0.25 in

Attribute	C125	C250
Flow Rates	1-500 mL/min	16-3000 mL/min
Flow Accuracy	± 3%	± 3%
Hold-Up Volume		
Inlet to Column	50 mL	95 mL
Column to Outlet	10 mL	36 mL
Dims (W x D x H)	610 x 610 x 610 mm	610 x 610 x 610 mm
Sensor Performance		
Pressure	0-6 psi (± 2%) 6-30 psi (± 3%) 30-60 psi (± 5%)	0-6 psi (± 2%) 6-30 psi (± 3%) 30-60 psi (± 5%)
Conductivity	0-100 mS/cm (± 5%)	0-100 mS/cm (± 5%)
Flow	0-4 LPM (± 3%)	0-8 LPM (± 3%)
pH	2-12 pH (± 0.1)	2-12 pH (± 0.1)
UV	0-2 AU (± 1%) 2-3 AU (± 2%)	0-2 AU (± 1%) 2-3 AU (± 2%)

Specifications represent standard Agilitech models and may differ when customized for specific customer applications. DeltaV is a registered trademark of Emerson. Rockwell Automation is a registered trademark of Rockwell Automation, Inc.



For more information or product support:

+1.661.381.7950
info@agilitech.bio
www.agilitech.bio