

Single-use chromatography systems for pilot production

A unique open system design provides complete flexibility to meet your exact process requirements, while every part of the system features best-in-class components to optimize performance.

Engineered to optimize your process

The Agilitech Advantage:

- Open system design with configurable flow path – provides unmatched flexibility to meet your precise requirements
- Dual inlet headers with dedicated flow sensors – deliver accurate control throughout inline dilution and gradient steps
- Dual filter manifold – reduces risk of protein aggregation and eliminates the need for bubble traps
- Outlet back pressure control valve – enables offline column pressure simulation to stabilize pumps and smooth transition to inline columns

Agilitech single-use chromatography systems feature a unique open system design that takes flexibility to the next level. Our engineering experts work with you to understand your specific needs and adapt the standard system design to fit *your* purpose.

Our standard systems can be customized to meet your exact requirements. This includes reconfiguring the flow path to add more filters, outlets, and/or buffers. And a brand-agnostic design gives you the freedom to choose your preferred brand of column, filters, and other components, as well as the automation and control platform— whether that's DeltaV, Rockwell Automation, or another platform.

Technical Specifications

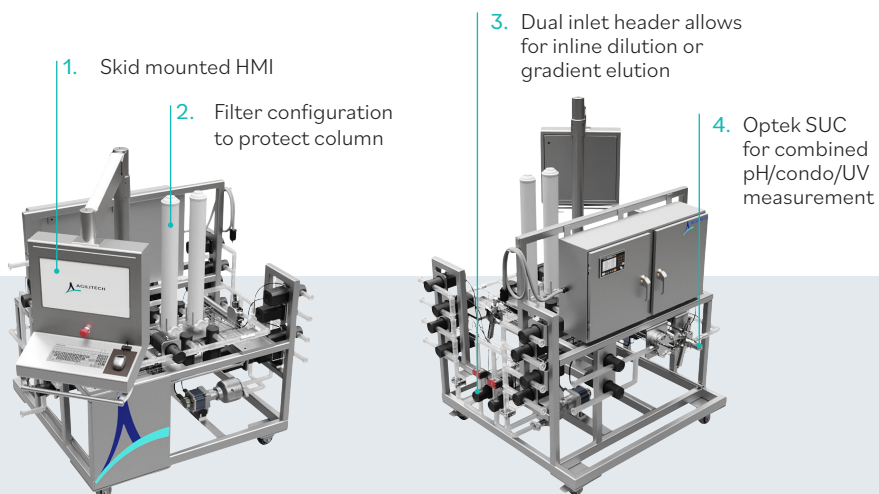
Attribute	C500
General Skid Specifications	
Pressure	0-60 psi/4 bar
pH	0-14 pH
Conductivity	0-250 mS/cm
UV Wavelength	0-2 AU Dual Wavelength – 280 nm and 300 nm standard. Customer configurable to any 2 wavelengths between 254-313 nm
Temperature Range	2–50°C
Humidity (non-condensing)	10–90%
Utility Required, Skid Power*	220-230 VAC
Wetted Materials	USP <88> Class VI and animal free
Inlets	8 (4 ea inlet header)
Outlets	2
Tubing ID	0.50 in

*Compressed air (oil free) @ 80 psi/5.5 bar

**Highest Operator interaction: 5 ft 8 in

Attribute	C500
Flow Rates	0.167-15 LPM
Flow Accuracy	±3%
Hold-Up Volume	
Inlet to Column	1.33L
Column to Outlet	0.55L
Dims (W x D x H)**	910 x 910 x 1025 mm
Sensor Performance	
Pressure	0–6 psi (± 2%) 6–30 psi (± 3%) 30–60 psi (± 5%)
Conductivity	0–250 mS/cm (±0.25 mS/cm)
Flow	0–20 LPM (± 3%)
pH	0–14 (± 0.1)
UV	0–2 AU (± 2%)

Specifications represent standard Agilitech model 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:

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