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## Flexible benchtop single-use TFF systems

Agilitech tangential flow filtration (TFF) systems feature a unique brand-agnostic design that offers unmatched flexibility. The system can be tailored to your specific needs—from your preferred brand filter and bags, to the automation and control platform.

# Fit-for-purpose single-use TFF systems

Agilitech single-use tangential flow filtration (TFF) systems provide the flexibility and agility to perform purification operations upon delivery. The fit-for-purpose design offers options and possibilities for every facet of the system. Our engineering experts collaborate with you to design a system that meets your needs today and in the future—whether adding or removing inlets/outlets, analytics, filters, etc. The system provides unmatched flexibility for components: choose your preferred filter brand, single-use assembly, bag or bottle recirculation container, and more.

- 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
- Optimized intuitive control panel provides quick access to the functions and data you need most
- Compact footprint saves valuable bench space
- Backpressure valve allows for instant TMP control

## Technical Specifications

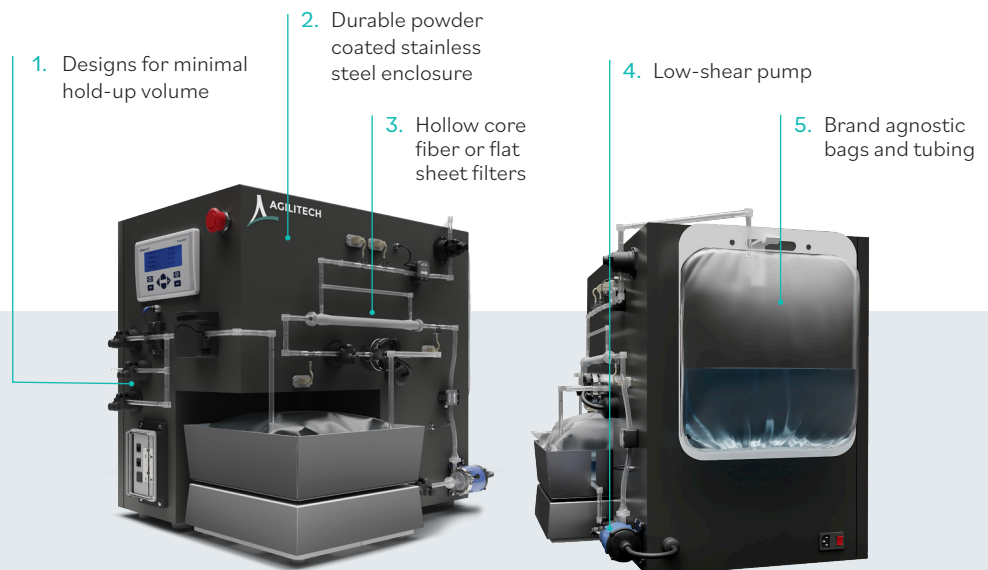
Attribute	T125	T250
<b>General Skid Specifications</b>		
Pressure rating	60 psi/4 bar	60 psi/4 bar
Temperature Range	2-50°C	2-50°C
Humidity (non-condensing)	10-90%	10-90%
Utility Requirements	100-120 VAC	100-120 VAC
Wetted Materials	USP <88> Class VI and animal free	
Membrane Holder Capacity	0.01 m <sup>2</sup> to 0.04 m <sup>2</sup>	0.01 m <sup>2</sup> to 2.0 m <sup>2</sup>
Feed Flow Rate	1-500 mL/min	0.5-7.7 LPM
Feed and Filtrate Flow Measurement	Clamp on ultrasonic flow sensor (±3%)	
Inlets	1 product 2 buffers	1 product 2 buffers
Tubing Internal Dia.		
Feed and Retentate:	0.125 in	0.25 in
Permeate:	0.125 in	0.25 in
Inlets:	0.125 in	0.25 in
Outlet Ports	1 Filtrate	1 Filtrate

Attribute	T125	T250
Tank Size	Up to 10L	Up to 50L
Min. Working Volume:	Depends on mixer selected	
Agitator Top		
Agitator Bottom		
Bag Sensors/Sampling		
Hold-Up Volume (excludes filtration device)	25 mL	50 mL
Dims (W x D x H)	635 x 559 x 635 mm	635 x 559 x 635 mm

### Sensor Performance

Pressure	0-6 psi (± 2%)	0-6 psi (± 2%)
	6-30 psi (± 3%)	6-30 psi (± 3%)
	30-60 psi (± 5%)	30-60 psi (± 5%)
Filtrate Conductivity	0-100 mS/cm (± 3%)	0-100 mS/cm (± 3%)
Vessel Weight	0-10 kg (± 0.3%)	0-50 kg (± 0.3%)
Flow	0-4 LPM (± 3%)	0-8 LPM (± 3%)

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:

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