



MEGA 960

CHEMICAL DELIVERY PUMP



treborintl.com/pumps

Engineered for Demand.
Built for Purity.

OVERVIEW

The Trebor® MEGA 960 pump is the #1 chemical delivery solution trusted by leading semiconductor fabs worldwide. Designed for high-flow recirculation and delivery applications, the MEGA 960 features a non-stalling shuttle valve, intelligent pneumatic control, and a fully non-metallic fluid path made from PFA and PTFE. Its robust, cleanroom-compatible design and unmatched reliability make it ideal for reducing downtime and protecting your high-value process tools.

CONTROL OPTIONS

960D – Distribution Control

960E – External Control

PERFORMANCE



MAX FLOW RATE
95 LPM / 25 GPM



MAX TEMPERATURE
100°C / 212°F



MAX PRESSURE
80 PSI / 0.55 MPa



WETTED MATERIALS
Virgin PTFE/PFA



DRY SUCTION LIFT
10 ft / 3.0 m



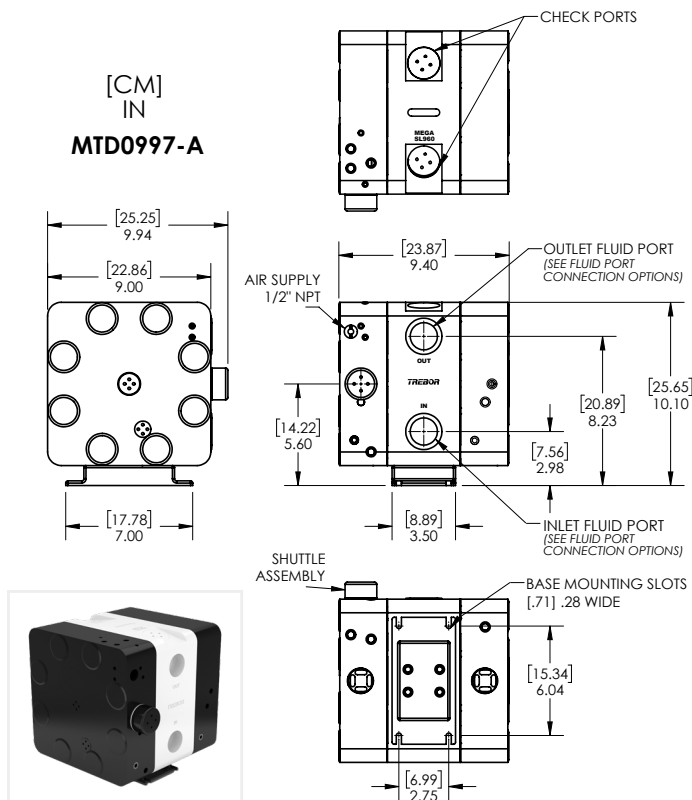
SHIPPING WEIGHT
18.14 kg/ 40 lbs.



KEY FEATURES

- **High Flow, High Pressure:** Up to 95 LPM at 80 PSI supports demanding process requirements.
- **Thermal Resilience:** Operates with fluids up to 100°C, maintaining performance under elevated temperatures.
- **Smart Distribution Technology (960D) :** Automatically adjusts cycle rates to meet process demand—conserving air, extending pump life, and protecting chemical filters.
- **Dead-Head Safe:** Smart pilot system eliminates cavitation and allows smooth, damage-free operation against closed valves.
- **Dry Start & Self-Priming:** Safe to run dry and self-priming automatically.
- **Ultra-Pure Chemical Handling:** Virgin PTFE/PFA construction ensures purity and prevents leaching or contamination.
- **Global Certified Rebuild Program** – Guarantees all wear parts are replaced with factory-grade components and includes a renewed warranty for reliable performance.
- **Lowest Cost of Ownership:** Industry-best MTBF and low-cost rebuilds reduce total lifetime cost.
- **Proven Performance:** Over 15,000 units installed in global fabs since 1996.

DIMENSIONS



OPTIONS

PUMP	960D	Mega 960 Pump Chemical Delivery
	960E	Mega 960 Pump External Control
FLUID CONNECTION	F12000	3/4" Flare Tube Adapter
	F16000	1" Flare Tube Adapter
	P12000	3/4" NPT Adapter Nuts
	P16000	1" NPT Adapter Nuts
	T16000	1" Tube Stub
	S03000	1" Weldable PFA Pipe
OPTIONS	A0	No Option
	A2	Quick Change Base
	M0	Magnetic Shuttle (960D Only)

More Options Available, Contact Trebor for Information

Example of an order number based on configuration options:

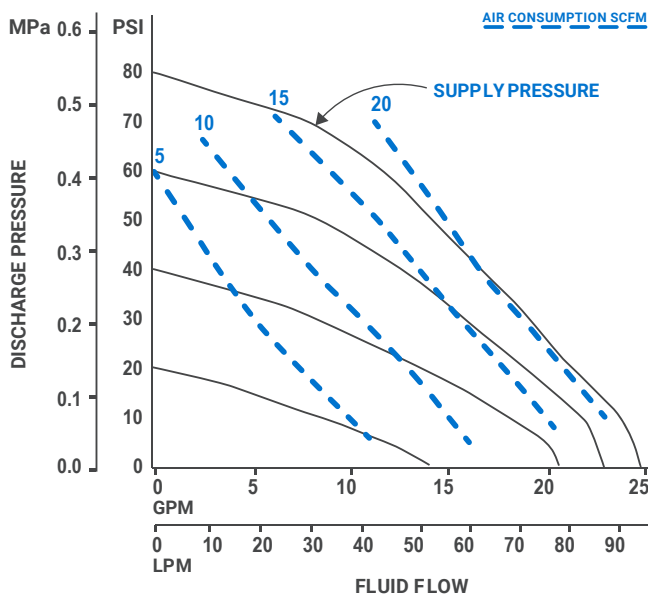
960D	F16000	A2
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ACCESSORIES

PROBES	DP-S-01	Amplifier; Cycle/Leak (Source PNP; One Per Probe)	960D Only
	DP-S-02	Amplifier; Cycle/Leak (Sinking NPN)	
	DP-C-2	Cycle	
	DP-C-27	Cycle; Magnetic Shuttle	960E Only
	DP-L-20	Leak Sensor	
SURGE SUPPRESSORS	DP-C-6	Cycle	960E Only
	DP-L-23	Leak Sensor	
	S85P2A0	Port Mounted; No Options	
	SS85P2A1	Inline Tee; 3/4" Flare	
	SS85P2A2	Inline Tee; 1" NPT	
	SS85P2A3	Inline Tee; 1" Flare	
	SS95P2A0	Port Mounted; No Options	
	SS95P2A4	Port Mounted; PP Union Nut	
	SS95L1A4	Inline; 1" Flare; PP Union Nut	
	SS95L4A4	Inline; 1" PFA Flare; PP Union Nut	

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FLOW PERFORMANCE



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