



Leybold OF-1000

Technical Specifications

	Single-Canister Systems	Dual-Canister Systems
Gear pump motor	1/6 HP, 115/208/220 V, single phase, 50/60 Hz, wired for 115 V, with on/off switch ¹⁾	1/6 HP, 115/208/220 V, single phase, 50/60 Hz, wired for 115 V, with on/off switch ¹⁾
Gear pump	0.7 gpm @ 1800 RPM	0.7 gpm @ 1800 RPM
Pressure gauge	0 to 100 psig (0 to 70 kPa)	0 to 100 psig (0 to 70 kPa)
Pump fluid capacity	15 lb perfluorinated polyether or 3.75 qt hydrocarbon oil	29 lb perfluorinated polyether or 7.25 qt hydrocarbon oil
Flexible hoses	3/8 in. I.D. teflon/carbon black with stainless steel braid – 4 ft lengths ²⁾	3/8 in. I.D. teflon/carbon black with stainless steel braid – 4 ft lengths ²⁾
Dimensions	in. (mm) 16 x 14 x 11 (406 x 356 x 279)	23 x 14 x 11 (585 x 356 x 279)
Flow arrangement	–	series ³⁾
Weight (Dry)	lbs (kg) 45 (20.39)	60 (27.18)





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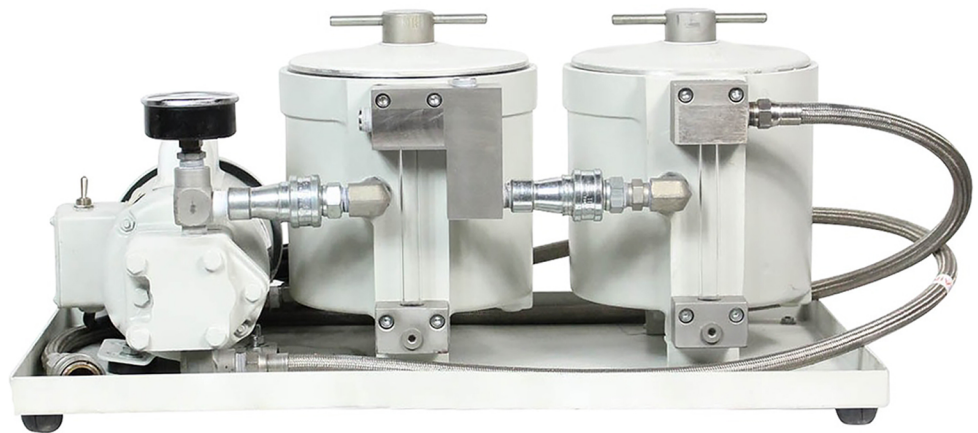
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Features & Benefits

- choice of single- and dual-canister models for standard or chemically severe applications
- compact design, reliable operation
- choice of four filtering elements
- integral gear pump with built-in bypass
- dripless quick disconnects for easy removal and replacement of filter elements
- recessed lid and oil level – no oil spillage
- conductive teflon hoses for static charge dissipation – no oil leakage due to static burning
- fluid sight glass and flow monitor
- pressure gauge



Applications

- silicon production processes • LPCVD • low-pressure epitaxy • ion implantation • reactive ion etching • plasma processes • aluminum etching