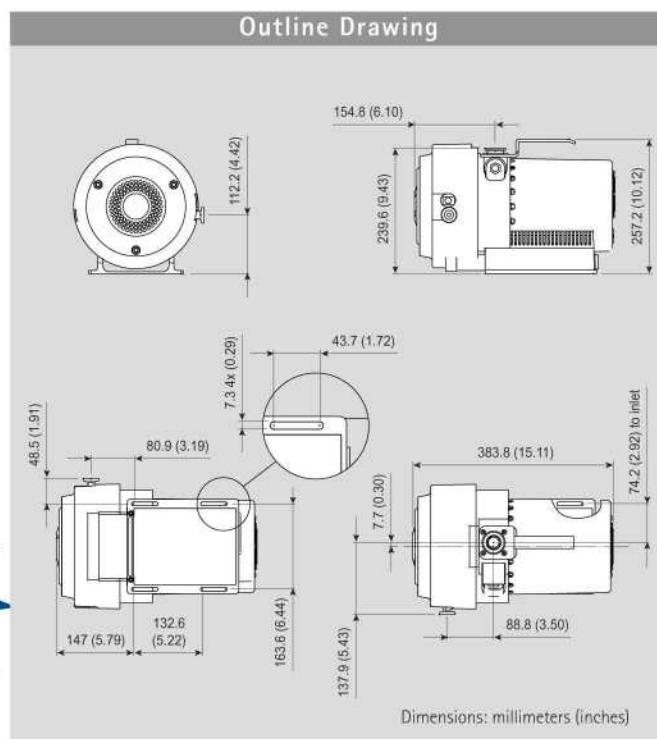


SH-110



\$3,850.00



Technical Specifications

Peak pumping speed	50 Hz: 90 lpm, 5.4 m ³ /hr, 3.3 cfm; 60 Hz: 110 lpm, 6.6 m ³ /hr, 4.0 cfm
Media	No corrosive, explosive or particulate forming gases
Ultimate pressure	6.6 x 10 ⁻² mbar (5.0 x 10 ⁻² Torr)
Maximum inlet pressure	1.0 atmosphere (0 psig)
Maximum outlet pressure	1.5 atmosphere (7.5 psig)
Inlet Connection	NW25
Exhaust Connection	1/4" Female NPT (NW16 adapter provided)
Gas ballast	1/8" Female NPT (20 micron sintered and solid plugs provided)
Ambient operating temperature	5 °C to 40 °C (41 °F to 104 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Motor rating (1 phase)	0.25 HP (0.19 kW) 100/115: 200/230 VAC, 50-60 Hz
Motor thermal protection	Automatic thermal protection
Operating speed	50 Hz: 1425 RPM; Hz: 1725 RPM
Cooling system	Air-cooled
Weight	Pump only: 19 kg (43 lbs) Shipping weight: 20 kg (44 lbs)
Leak rate (with exhaust sealed)	<1 x 10 ⁻⁷ cc/sec Helium
Compliance to norms	Conforms with CE, CSA and Semi S2-2000

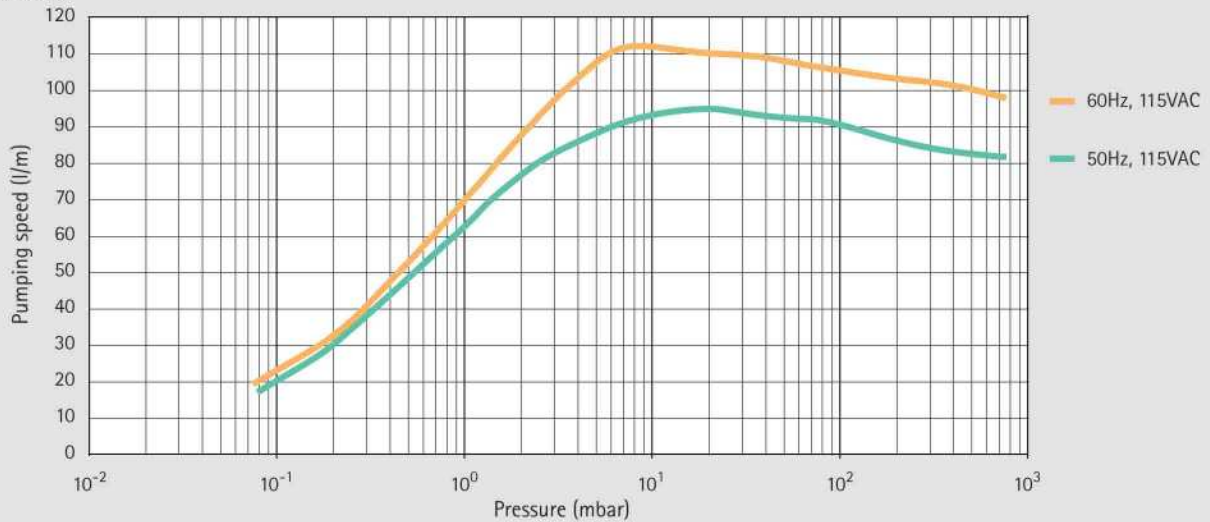


Ideal Vacuum Products, LLC
2401B Phoenix Ave. NE
Albuquerque, NM 87107
Phone: (505) 872-0037
idealvac.com or pchemlabs.com



SH-110 Scroll Pump

Test Performed IAW ISO 1607-1:1993(E)



SH-110 Hermetic Single Scroll Pumps are designed to provide reliable, dry vacuum in a small, economical package. The pump is ideally suited for many applications including Analytical Instruments and Research and Development. This simple, reliable design utilizes proven TriScroll™ seal technology for longer demonstrated maintenance intervals. The SH-110 conforms with CE, UL/CUL, and Semi S2-0200 requirements.



Single-sided Scroll

Enables quick and easy tip seal change.

Drying Ovens Scroll pumps eliminate the risk of backstreaming hydrocarbon oil into the oven system. The gas ballast feature guarantees reliable operation where water vapor is to be pumped.



Built-In Vacuum Pump Isolation Valve

Isolates the pump during vacuum system upset conditions and power loss; prevents contamination of the vacuum system.

Load Locks and Transfer chambers Scroll pumps are proven as a highly reliable and low maintenance choice for clean dry pumping in production equipment on load locks and transfer chambers.

Primary backing pump for turbo systems The ideal selection for backing high vacuum turbo pumps, eliminating the risk of system contamination.

Scanning Electron Microscopes Varian scroll pumps provide clean and reliable dry vacuum, ideal for maintaining the critical condition of instrument columns.

Ordering Information

Description	Part Number
Single Scroll Pump	SH01101UNIV
Products for maintaining your SH-110 pump	
Tip Seal Replacement Kit	SH0110TS
Exhaust Silencer Kit	SH0110EXSLR



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