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ISP- 500C

AIR COOLED, OIL-FREE PERFORMANCE

The Anest Iwata oil-free ISP scroll vacuum pump is “**The Original.**”

Anest Iwata was the first manufacturer to bring scroll vacuum pumps to the vacuum market. With over 10 years of field experience and more performance hours than all its competitors combined, the ISP series scroll vacuum pumps are the premium choice for clean pumping technology.

The latest revision design improvements increase shaft and bearing sealing performance as well as increase the water handling capabilities of the ISP series scroll vacuum pumps.

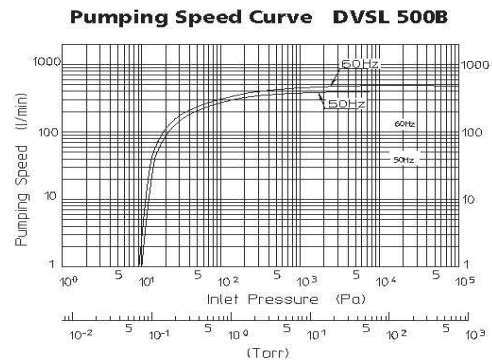


FEATURES

- Oil- Free
- Improved Sealing Design
- Improved Water handling
- Patented Air-Purge Circuit
- Latest “B” Design Revision
- Air Cooled

APPLICATIONS

- Sputtering Systems
- Vacuum Coating Systems
- Helium Leak Detection Systems
- Vacuum Furnace Systems
- Laboratory Applications
- Electron Beam Processes



SPECIFICATIONS

Displacement	500 liters/min 17.6 cfm @ 50 Hz operation 600 liters/min 21.2 cfm @ 60 Hz operation
Ultimate Pressure	7.5 mTorr (1 Pa)
Operating temperature range	5c to 40C
Motor Power Rating	0.6 kW / 0.8 hp
Voltage -- 1 phase	100/115/200/230 V
-- 3 phase	200/208/230/380/415/460V
Noise Level (with air flush)	68 db (A) without air flush: 60 db (A) at 1m
Weight	3 phase-84 lbs; 1 phase-102 lbs
Dimensions -- 1 phase	17.4 L x 12.9 W x 14.6 H
-- 3 phase	14.6 L x 13.0 W x 14.6 H
Inlet Connection	NW 40
Outlet Connection	NW 25
Water Handling	25 g/day