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## ISP- 90

### 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.



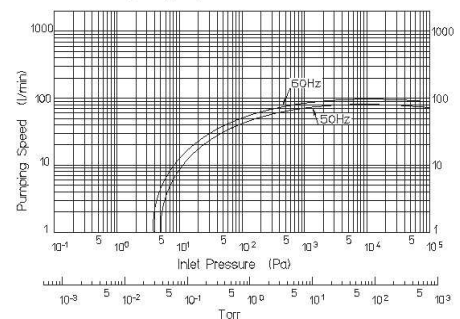
### APPLICATIONS

- Sputtering Systems, Vacuum Deposition, Ion Plating
- Accelerator and Synchrotron Radiation
- Helium Leak Detection Systems, Gas Recovery Equipment
- Vacuum Furnace Systems
- Laboratory Applications
- Electron Beam Processes
- Vacuum Packaging Machinery

### FEATURES

- Oil- Free
- Improved Sealing Design
- Improved Water handling
- Patented Air-Purge Circuit
- Air Cooled

**Pumping Speed Curve ISP 90**



## SPECIFICATIONS

<b>Displacement</b>	3.8 cfm (108 lpm) @ 60 Hz 3.2 cfm (90 lpm) @ 50 Hz
<b>Ultimate Pressure</b>	38 mTorr (5Pa)
<b>Motor Power Rating</b>	1.3 kW
<b>Voltage – 1 phase</b>	(50/60Hz) 100/115/200/230V
<b>Noise Level (with air flush)</b>	52 dB A
<b>Weight</b>	29 lbs. (13 kg)
<b>Dimensions</b>	Inches: 12.13 L x 7.17 W x 8.86H mm: 308L x 182W x 225H
<b>Inlet Connection</b>	NW 25
<b>Outlet Connection</b>	NW 16
<b>Water Handling</b>	25 g/day