

ISP Series

Dry Scroll Vacuum Pumps

Models: ISP-50, 90, 250, 500, 1000



OVERVIEW

NES is proud to offer the Anest Iwata® ISP Series dual-wrapped dry scroll vacuum pumps. Anest Iwata® first developed dry scroll technology in 1993 and has continued to push the forefronts of the technology. Regular oil-sealed rotary pumps use oil as a sealing mechanism, which raises risk of process contamination. By incorporating the oil-free aspect into scroll technology, Anest Iwata® has solved issues with contamination, maintenance, and leaks, translating into a longer, safer, more comfortable service life in operation.



UNIQUE FEATURES

- The ISP Series supports pressures from 1-15 Pa and pumping speeds of 2.1-42.4 CFM.
- Energy-efficient to cater to both economy and ecology.
- Quiet and low-vibration operation ensures operator comfort.
- Thorough design and engineering have yielded a longer maintenance cycle, minimizing downtime and increasing system efficiency.
- 2-Year NES Warranty against manufacturer's defects.

BASIC SPECIFICATION

MODELS	ISP-50, 90, 250, 500, 1000
POWER RANGE	0.13 to 2 HP
CAPACITY RANGE	2.1 to 42.4 CFM
MAX VACUUM LEVEL	7.5×10^{-3} Torr
MOC	Cast Iron

COMMON APPLICATION

The ISP Series Dual-Wrapped Dry Scroll Vacuum Pumps find widespread application across analytical, medical, and laboratory applications.

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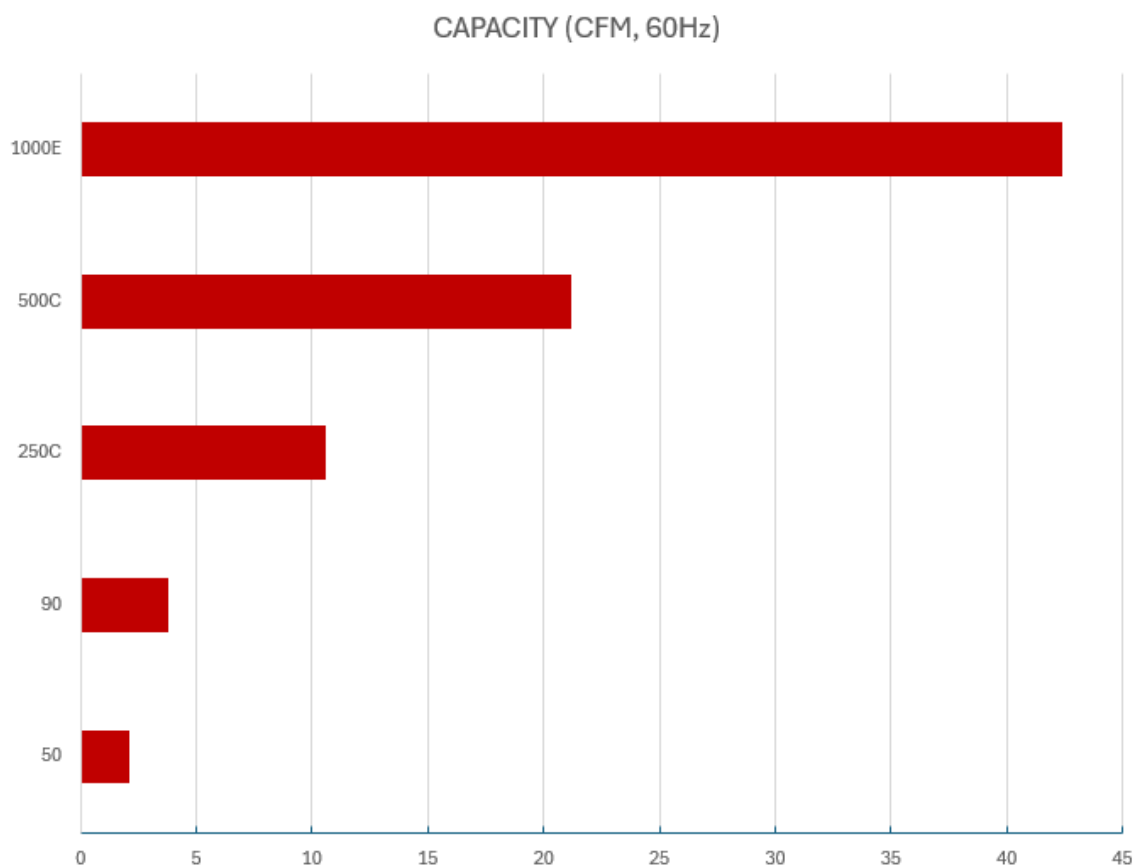


ISP MODEL NUMBER CONFIGURATION

ISP – OO – XY

- OO: Design Pumping Speed of vacuum pump
- X
 - T: three-phase motor
 - S: single-phase motor
- Y
 - V: vertical inlet
 - H: horizontal inlet

ISP SERIES PERFORMANCE



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