

NEW PRODUCT INFORMATION

DRY SCROLL VACUUM PUMP ISP-250E

We are pleased to introduce an upgraded variant to ANEST IWATA's Dry Scroll pumps, ISP series.
Based on the well-known ISP-250C, a few design changes and upgrades have been made to both inside and outside: ISP-250E is now available.



[ISP-250E Features]

◆ Improved life-cycle cost

Compared to its predecessor, ISP-250E reduces replacement parts at 8,000-hour maintenance to zero, under normal usage. Tip seal replacement cycle is every 16,000-hour.

◆ Improved Helium Leak Rate, better compared to ISP-250C.

To secure higher back-ground of test, ISP-250E offers Helium leak-rate of 1.0×10^{-7} Pa · m³/Sec.

◆ ISP-250E offers better integrity with a dependable mechanical design.

It has a simple and reliable design without complicated control, eliminating unexpected down-time.

◇ Specifications

Model Name	ISP-250E-SV Single Phase Motor	ISP-250E-TV Three Phase Motor
Motor (50/60Hz)	400W: 100V, 115V, 200V, 230V	400W: 200V, 208V, 230V, 380V, 400V, 415V, 460V
Ultimate Pressure (mbar)	1.6×10^{-2} (1.6 Pa)	
Helium Leak Rate (Pa · m ³ /Sec)	$\leq 1.0 \times 10^{-7}$	
Pumping Speed at 50/60Hz (L/min)	250 / 300	
Dimensions Length × Width × H eight (mm)	397 × 264 × 338	367 × 264 × 338
Weight (kg)	25	23
Remarks	RoHS2/CE compliant, CSA certified	