

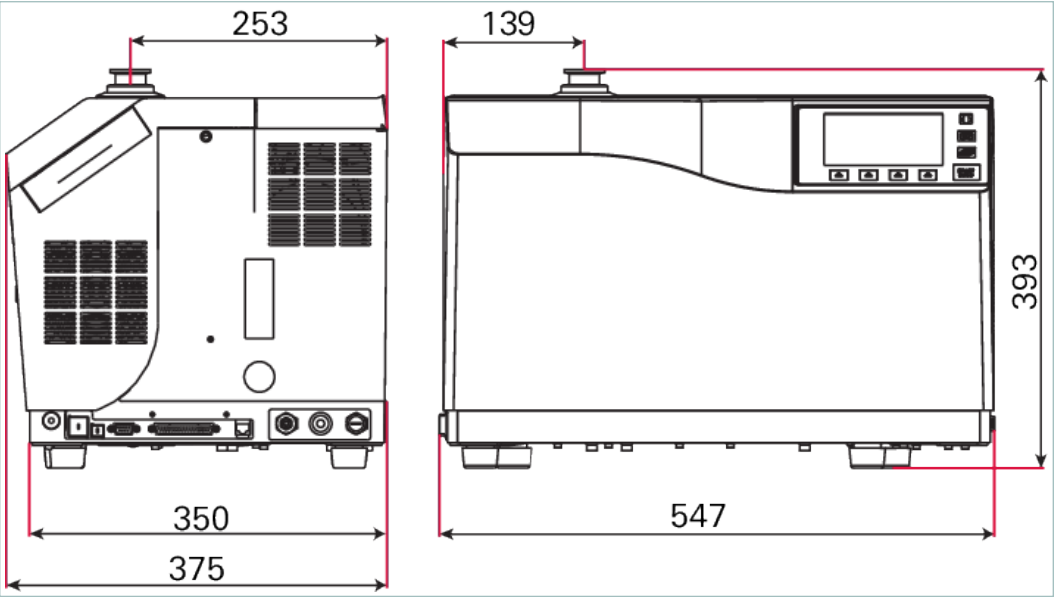


Similar Image

ASM 340 D dry version, universal voltage, configurable I/O interface board

- Oil free pumping system, backing pump capacity 3.4 m³/h
- 2.5 l/s helium pumping speed
- Customizable and detachable operator interface
- Integrated SD card for data processing
- Fully configurable I/O interface (37 pins D-Sub) to fit to customer needs
- Wired or wireless remote control and sniffer probes available as accessories

Dimensions



Technical Data

ASM 340 D dry version, universal voltage, configurable I/O interface board

| | |
|--|--|
| Backing pump capacity | 3.4 m³/h 2 cfm 56.67 l/min |
| Connection flange (in) | DN 25 ISO-KF |
| Detectable gases | ⁴ He, ³ He, H ₂ |
| Dimensions (L x W x H) | 547 x 375 x 393 mm 21.54 x 14.76 x 15.47 inch |
| I/O interfaces | Configurable 37 pins I/O |
| Minimum detectable leakage rate for helium (sniffing leak detection) | 5 · 10 ⁻¹⁰ Pa m³/s 3.75 · 10 ⁻⁹ Torr l/s 5 · 10 ⁻⁹ mbar l/s |
| Minimum detectable leakage rate for helium (vacuum leak detection) | 5 · 10 ⁻¹³ Pa m³/s |
| Operating temperature (sniffing test) | 0 – 35 °C |
| Operating temperature (vacuum test) | 0 – 35 °C |
| Power consumption max. | 600 W |
| Protection degree | IP20 |
| Pumping speed for He | 2.5 l/s |
| Sound power | 52 dB(A) |
| Sound pressure level | 52 dB(A) |
| Start-up time (20°C) without calibration | ~ 3 min |
| Supply | 90 – 240 V, 50/60 Hz |
| Test method | Vacuum and sniffing leak detection |
| Weight | 45 kg 99.21 lb |

Specifications: ISP-250C

| | | | | | | | | | | | | | |
|---|---------------------------------------|------|---|------|------|------|------|---|------|------|------|------|------|
| Model | | | ISP-250C | | | | | | | | | | |
| Displacement L/min | | 50Hz | 250 | | | | | | | | | | |
| | | 60Hz | 300 | | | | | | | | | | |
| Ultimate pressure Pa | | | ≤1.6 | | | | | | | | | | |
| Leak tightness Pa · m³/s | | | ≤1.0×10 ⁻⁵ | | | | | | | | | | |
| Max. inlet pressure | | | Atmospheric pressure | | | | | | | | | | |
| Ambient operating temperature | | | 5℃~40℃ | | | | | | | | | | |
| Motor | Type | | Single-phase induction motor 4P Totally-enclosed Insulation Class B IP44 Capacitor start TP212 Automatic Reset Type | | | | | 3-phase induction motor 4P Totally-Enclosed Insulation Class B IP44 | | | | | |
| | Output | kW | 0.4 | | | | | | | | | | |
| | Voltage (note2) | V | 100 | 115 | 200 | 230 | 200 | 208 | 230 | 380 | 400 | 415 | 460 |
| | Rated current A | 50Hz | 4.8 | - | 2.6 | 2.4 | 1.6 | - | - | 0.9 | 0.9 | 1.0 | - |
| | | 60Hz | 4.8 | 4.3 | 2.8 | 2.4 | 1.9 | 1.9 | 1.8 | - | - | - | 1.0 |
| | Revolution min ⁻¹ {rpm} | 50Hz | 1440 | - | 1430 | 1450 | 1420 | - | - | 1440 | 1440 | 1440 | - |
| | | 60Hz | 1710 | 1740 | 1700 | 1730 | 1660 | 1660 | 1690 | - | - | - | 1720 |
| Noise level 1m dB(A) With air-flush ON | | | ≤58 ≤66 | | | | | | | | | | |
| Inlet connection | | | NW25 | | | | | | | | | | |
| Outlet connection | | | NW16 | | | | | | | | | | |
| Direction of inlet | | | Vertical | | | | | | | | | | |
| Dimensions mm L×W×H | | | 400×252×336 | | | | | 370×252×336 | | | | | |
| Mass kg | | | 25 | | | | | 23 | | | | | |
| Cooling system | | | Air-cooled | | | | | | | | | | |
| O t h e r s | | | With hour counter and air-flush | | | | | | | | | | |

Note 1 : Pumping speed and ultimate pressure remain the same during air-flush operation and standard operation.

Note 2 : Motor permissible voltage is $\pm 10\%$.

Note 3 : Noise level is measured at ultimate pressure in an anechoic room.

Note 4 : Vapor handling is less than 25g/day (25°C, humidity 60%RH) during air-flush operation.
Air-flush volume is 10L/min.

Note 5 : Pump is standard operation with 200V connection specifications when it is delivered to you.

Note 6 : Three phase Motor is not equipped with motor protection gear. Be sure to fit protective device.

Dimensions: ISP-250C

Single phase

