



ASM 380

The ASM 380 is optimized for fast and accurate leak testing in all measurement ranges. It is the perfect combination of high dry pumping performance, sensitivity and mobility in the smallest footprint.



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Hakuto

PFEIFFER  VACUUM

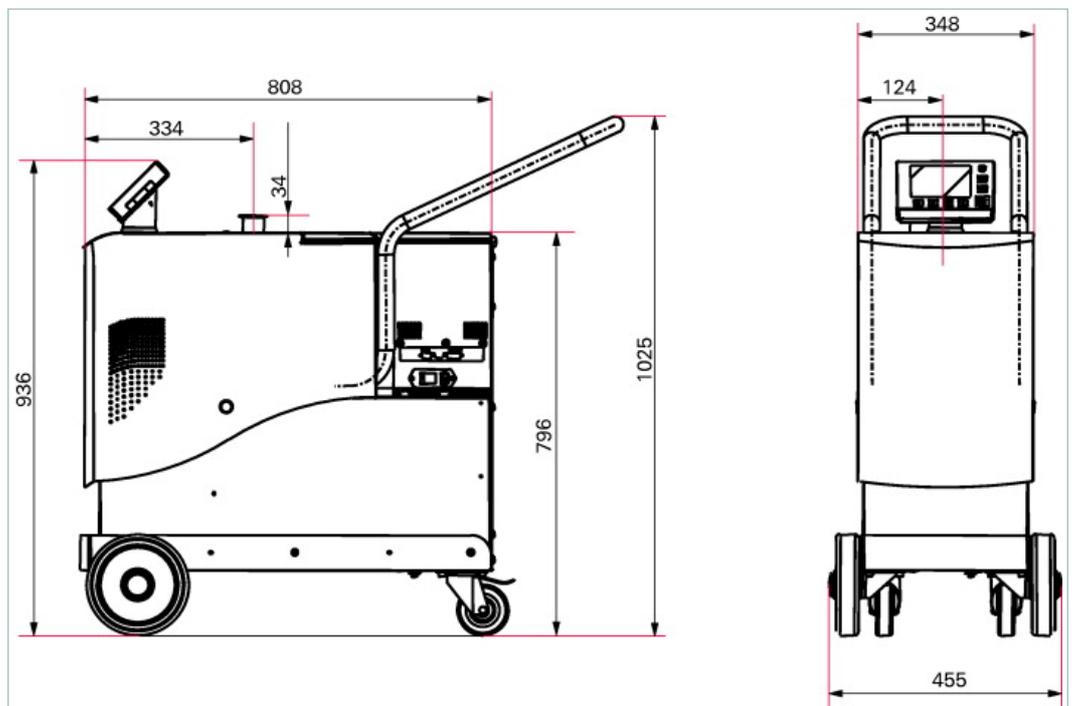


Similar Image

ASM 380, universal voltage, configurable I/O interface board, integrated WiFi

- High backing pump capacity (35 m³/h) and high helium pumping speed
- Fast time to test: unrivalled performances from small to large volumes
- Narrow design and highly maneuverable
- Customizable operator interface with 360° viewing
- Integrated SD card for data processing
- Fully configurable I/O interface (37 pins D-Sub) regarding allocated functions and activation modes
- Integrated WiFi communication (up to 10 m)

Dimensions



Technical Data	ASM 380, universal voltage, configurable I/O interface board, integrated WiFi
Backing pump	with oil free backing pump
Backing pump capacity	35 m ³ /h
Detectable gases	⁴ He, ³ He, H ₂
Dimensions (L x W x H)	1,065 x 455 x 1,025 mm 41.93 x 17.91 x 40.35 inch
Flange (in)	DN 40 ISO-KF
I/O interfaces	6 Digital inputs (Allocated functions configurable); 3 Analog outputs (Configurable: Helium signal log, Mantissa, Exponent, Inlet pressure); 5 Relays outputs (Allocated functions configurable); 4 Transistor/open collector outputs (Allocated functions configurable)
Interface	RS-232; USB; WiFi
Max. inlet test pressure	15 hPa 11.25 Torr 15 mbar
Minimum detectable leak rate for helium (sniffing leak detection)	1 · 10 ⁻⁸ Pa m ³ /s 7.5 · 10 ⁻⁸ Torr l/s 1 · 10 ⁻⁷ mbar l/s

Technical Data	ASM 380, universal voltage, configurable I/O interface board, integrated WiFi
Minimum detectable leak rate for helium (vacuum leak detection)	5 · 10 ⁻¹³ Pa m ³ /s 3.75 · 10 ⁻¹² Torr l/s 5 · 10 ⁻¹² mbar l/s
Noise level	53 dB (A)
Operating temperature	10-35 °C 50-95 °F 283-308 K
Power consumption	700 W
Pumping speed for He	7 l/s
Start-up time (20°C) with calibration	< 5.5 min
Start-up time (20°C) without calibration	< 4.5 min
Supply	90-240 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Type	High Performance - Mobile
User interface	Graphic color touch screen (detachable)
Weight	110 kg 242.51 lb

Order number	
ASM 380	PSGB00E3MM9A

Accessories	
Bottle holder	
Bottle holder for ASM 380	118444
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432-T