



Pfeiffer ASM-310

Technical Specifications

ASM 310	
Test methods	Vacuum and sniffing leak detection
Minimum detectable leak rate for He (vacuum leak detection)	$5 \cdot 10^{-12}$ mbar l/s
Minimum detectable leak rate for He (sniffing leak detection)	$1 \cdot 10^{-7}$ mbar l/s
Tracer gases	^4He , ^3He , H_2
Maximum inlet test pressure	15 mbar
Roughing capacity	1.7 m ³ /h
Pumping speed for He at inlet	1.1 l/s
Inlet port	DN 25 ISO-KF
Warm-up time (20°C)	< 2 min. (< 3.5 with autocalibration)
Response time (sniffing leak detection)	< 1 s
Interface	RS-232, analog
I/O interfaces	Digital input Analog output (mantissa) Analog output (exponent)
Dimensions	350 x 245 x 414 mm (14 x 10 x 16 inches)
Weight	21 kg (46 lbs)
Universal voltage	100-240 V AC - 50/60 Hz
Maximum power consumption	300 VA
Helium background suppression	Auto / Manual
User interface	Color touchscreen





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Pfeiffer ASM-310 Features & Benefits

- half the weight, footprint & size of standard desktop HLDs
- portable with retractable handle
- large bright color touchscreen with graphics functionality
- detachable control panel
- intuitive & customizable menu
- integrated SD memory card for recording & downloading capacities
- universal voltage
- can operate in any position

Applications

- research & development • semiconductor • coating • solar • medical
- accelerator systems • industrial • power stations • chemical plants

Dimensions

