



ASM 182 T

Compact leak detector with rotary vane pump, 20 m³/h backing capacity



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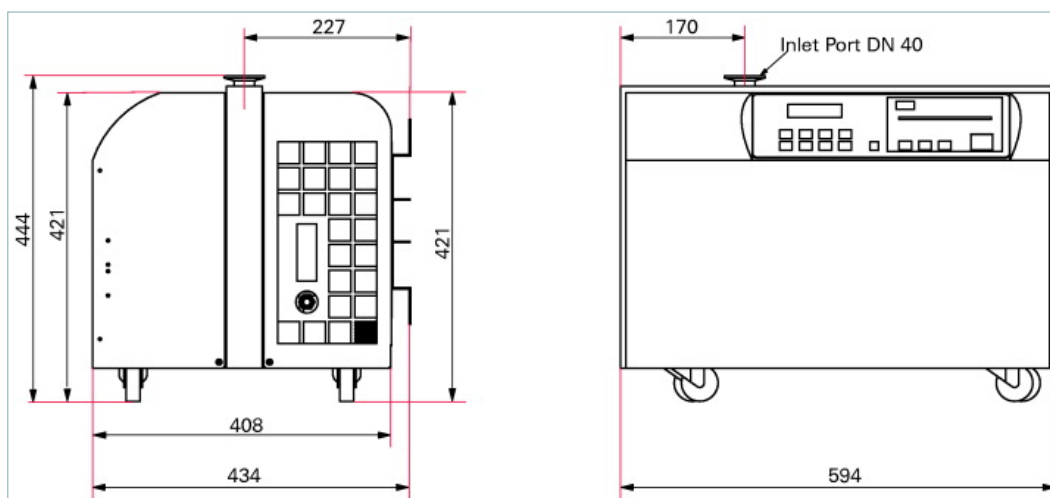
ASM 182 T standard, English language, 200/240 V and US power cable

- Powerful rotary vane pump with 20 m³/h backing capacity
- 4.4 l/s helium pumping speed
- 200/240 V operating voltage
- US power cable
- Operator interface and voice synthesizer in English

Three masses leak detection instead of only helium available upon request

Metal seals on the analyzer cell available upon request

Dimensions



Technical Data	ASM 182 T standard, English language, 200/240 V and US power cable
Backing pump	with oil sealed backing pump
Backing pump capacity	20 m ³ /h
Detectable gases	⁴ He
Dimensions (L x W x H)	594 x 434 x 444 mm 23.39 x 17.09 x 17.48 inch
Flange (in)	DN 40 ISO-KF
I/O interfaces	Digital inputs (Start, Vent, Calibration...); Digital outputs (Test modes, cycle in progress, helium signal above reject set point...); Analog outputs (Helium signal log, Inlet pressure)
Interface	RS-232
Language	English
Mains cable	US power cable
Max. inlet test pressure	6 hPa 4.5 Torr 6 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
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	54 dB (A)
Operating temperature	10-40 °C 50-104 °F 283-313 K
Power consumption	1000 W
Pumping speed for He	4.4 l/s
Start-up time (20°C) with calibration	4.5 min
Start-up time (20°C) without calibration	3 min

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Supply	200-240 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Type	High Performance - Compact
User interface	Basic user interface
Weight	76 kg 167.55 lb

Order number	
ASM 182 T	D20RS00PB810

Accessories	
Bottle holder	
Bottle holder dedicated for transport cart 111196	802819
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote control, leak rate in Pa m ³ /s, legend in English	108880
Remote control, leak rate in Torr l/s, legend in English	108881
Test chambers to be mounted on the inlet flange of ASM 182 series	
Large aluminium test chamber, cylindrical, internal dimensions: 160 mm diameter, 100 mm height	802458
Medium aluminium test chamber, cylindrical, internal dimensions: 85 mm diameter, 68 mm height	802456
Transport cart	
Transport cart, stainless steel, for ASM 182 T and ASM 182 TD+	111196