



ASM 182 TD+

Compact leak detector with ACP dry pump, 25 m³/h backing capacity





Similar Image

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

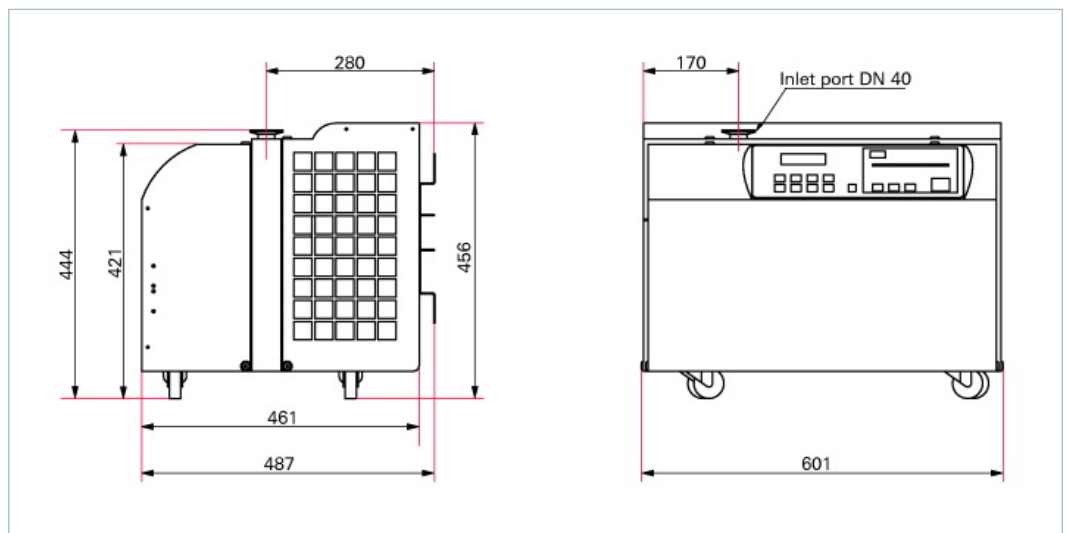
- Frictionless ACP dry pump with 25 m³/h backing capacity
- 4.4 l/s helium pumping speed
- 200/240 V operating voltage
- US power cable
- Operator interface and voice synthesizer in English

Three masses leak detection instead of only helium available upon request

Metal seals on the analyzer cell available upon request

ASM 182 TD+ can be ordered directly with the stainless steel cart (replace D1 by D7 as first digits in the order number)

Dimensions



Technical Data	ASM 182 TD+ standard, English language, 200/240 V and US power cable
Backing pump	with oil free backing pump
Backing pump capacity	25 m ³ /h
Detectable gases	⁴ He
Dimensions (L x W x H)	601 x 487 x 456 mm 23.66 x 19.17 x 17.95 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	65 dB (A)
Operating temperature	10-40 °C 50-104 °F 283-313 K

Technical Data	ASM 182 TD+ standard, English language, 200/240 V and US power cable
Pumping speed for He	4.4 l/s
Start-up time (20°C) with calibration	< 5.5 min
Start-up time (20°C) without calibration	< 4 min
Supply	200-240 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Type	High Performance - Compact
User interface	Basic user interface
Weight	88 kg 194 lb

Order number
ASM 182 TD+ D10RSS0PB810

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