



# ASM 182 TD+

Compact leak detector with ACP dry pump, 25 m<sup>3</sup>/h backing capacity





Similar Image

## ASM 182 TD+ standard, English language, 110/130 V and US power cable

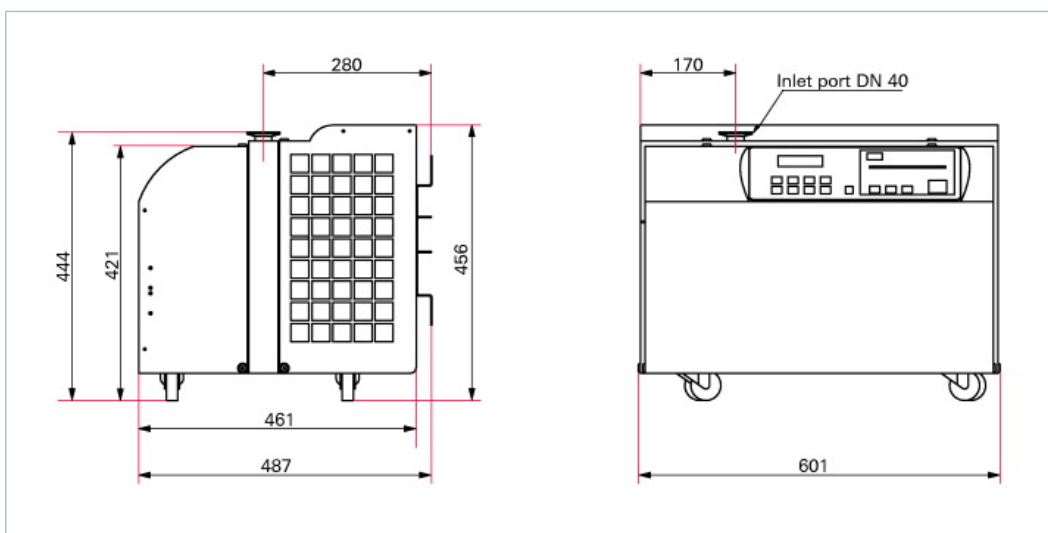
- Frictionless ACP dry pump with 25 m<sup>3</sup>/h backing capacity
- 4.4 l/s helium pumping speed
- 110/130 V operating voltage
- US power cable
- Operator interface and voice synthesizer in English

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, 110/130 V and US power cable
Backing pump	with oil free backing pump
Backing pump capacity	25 m <sup>3</sup> /h
Detectable gases	<sup>4</sup> 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 <sup>-8</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-8</sup> Torr l/s   1 · 10 <sup>-7</sup> mbar l/s
Minimum detectable leak rate for helium (vacuum leak detection)	5 · 10 <sup>-13</sup> Pa m <sup>3</sup> /s   3.75 · 10 <sup>-12</sup> Torr l/s   5 · 10 <sup>-12</sup> 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, 110/130 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	110-130 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+	D10RSS0PB710

Accessories	
<b>Bottle holder</b>	
Bottle holder dedicated for transport cart 111196	802819
<b>Standard remote control</b>	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote control, leak rate in Pa m <sup>3</sup> /s, legend in English	108880
Remote control, leak rate in Torr l/s, legend in English	108881
<b>Test chambers to be mounted on the inlet flange of ASM 182 series</b>	
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
<b>Transport cart</b>	
Transport cart, stainless steel, for ASM 182 T and ASM 182 TD+	111196