



# ASM 182 TD+

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





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

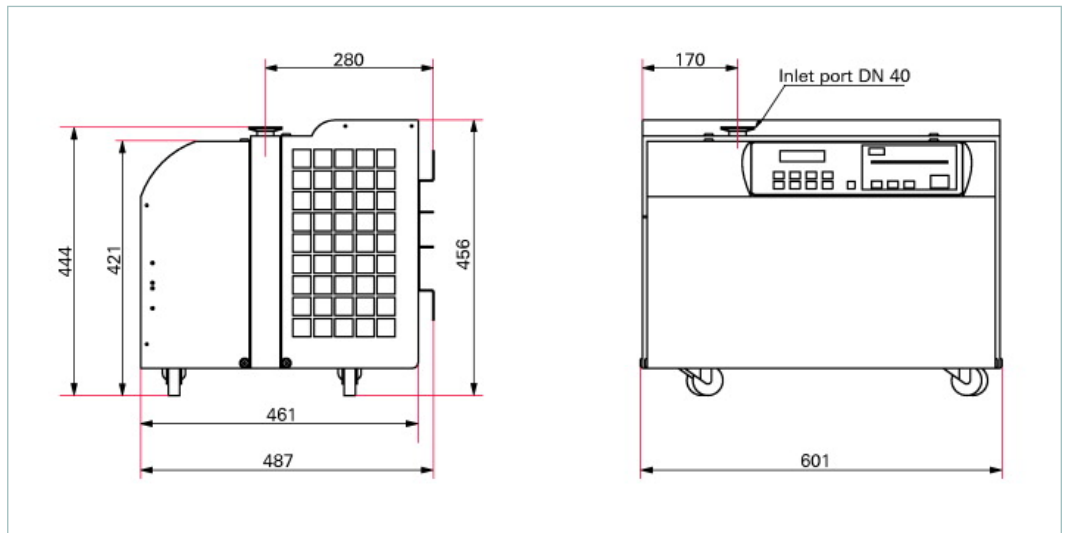
- Frictionless ACP dry pump with 25 m<sup>3</sup>/h backing capacity
- 4.4 l/s helium pumping speed
- 200/240 V operating voltage
- US power cable
- Graphic color touch screen and voice synthesizer in English

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+ with graphic interface, 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+ with graphic interface, 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	Graphic color touch screen
Weight	88 kg   194 lb

Order number	
ASM 182 TD+	D10RTS0PB710

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