



# ASM 182 T

Compact leak detector with rotary vane pump, 20 m<sup>3</sup>/h backing capacity





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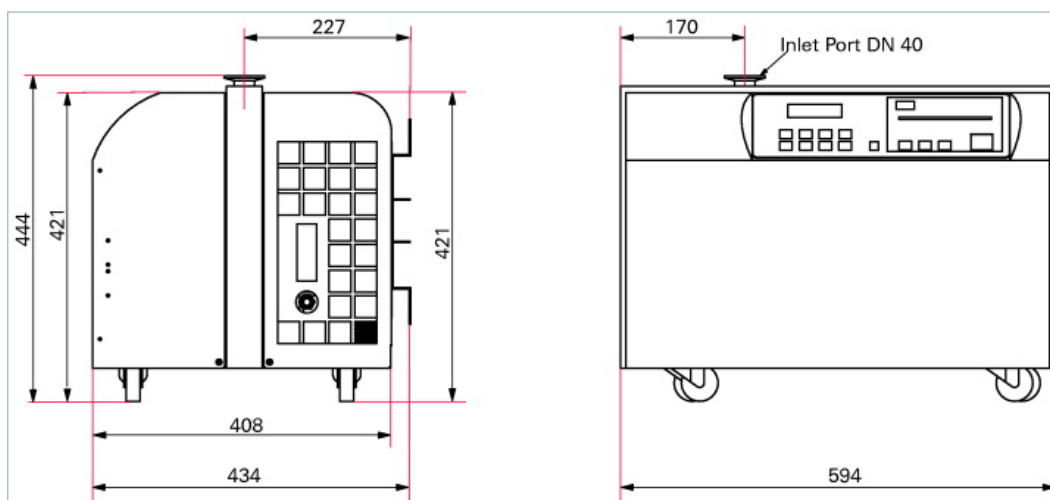
## ASM 182 T standard, German language, 200/240 V and European power cable

- Powerful rotary vane pump with 20 m<sup>3</sup>/h backing capacity
- 4.4 l/s helium pumping speed
- 200/240 V operating voltage
- European power cable
- Operator interface and voice synthesizer in German

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, German language, 200/240 V and European power cable
Backing pump	with oil sealed backing pump
Backing pump capacity	20 m <sup>3</sup> /h
Detectable gases	<sup>4</sup> 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	German
Mains cable	European 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	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	D20RS00PC820

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