

VacTest

Mobile Gauge Piezoresistive TRP 900



The mobile gauge TRP 900 is the perfect handheld solution for gas type independent measurements in the range of 1600 to 1 mbar. Designed for easy maintenance inspection of vacuum installations, this piezoresistive vacuum gauge can also be used in vacuum packaging applications or as vacuum process quality assurance.

- Gas type independent measurement
- Excellent measurement accuracy
- High repeatability
- Battery operated or with external power supply
- Up to 2500 hours of battery life
- Can be used inside a vacuum chamber
- USB interface for data export and visualization
- Data logger for up to 2000 measurements



VacTest TRP 900

Technical data		TRP 900
Measurement principle		Piezoresistive
Materials exposed to vacuum		Stainless steel 1.4305, Al ₂ O ₃ Ceramic, FKM
Measurement range	mbar	1600–1
Overpressure limit	bar abs.	4
Measurement uncertainty	% full scale	< 0.3% (linearity, hysteresis, repeatability)
Resolution	mbar	1
Measuring rate	s	0.05–6000
Serial interface		USB
Electrical connection		2.5 mm mini-jack for external power supply
Supply voltage		9 V block battery or 15 VDC external
Max. battery operating time	h	2500
Power consumption	mW	2
Operating temperature	°C	0...+50
Protection class		IP40
Approximate weight	g	200
Dimensions (L x W x H)	mm	120 x 60 x 47
Vacuum connection		DN 16 ISO-KF, G ¼ female thread

Vacuum gauges	Part number
TRP 900 incl. hose nozzle adapter	0656160980

Accessories	Part number
Accessory set: <ul style="list-style-type: none"> • Alkaline block battery 9V • Protective case • Power supply 100–240 VAC, AC with EURO/US/UK/AUS plugs • Software: VacTest explorer, Pro version • USB interface cable for PC, 2m 	0947204607
USB interface cable for PC, 2m	0671204565
Hose nozzle-G ¼ male	0574204602

Software	Part number
VacTest explorer, Pro version	0870203191

For the entire product range please refer to the corresponding leaflets.

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Technical data is subject to change. Created in Germany. MG SPAL VACTESTTRP900 USen 06/2018 8BA