

# VacTest

## Mobile Gauge Pirani TTP 900



The mobile gauge TTP 900 is a battery operated handheld solution with an external detachable Pirani sensor. Equipped with a robust spiral coil filament, this vacuum gauge provides a wide range of pressure measurement from 100 to  $1 \cdot 10^{-3}$  mbar.

- Excellent measurement accuracy
- Robust sensor
- Detachable sensor head
- Adjustable gas correction factor
- Battery operated or with external power supply
- USB interface for data export and visualization
- Data logger for up to 2000 measurements



VacTest TRP 900

Technical data		TTP 900
Measurement principle		Pirani
Materials exposed to vacuum		Stainless steel 1.4305, tungsten, nickel, glass
Filament material		Tungsten
Measurement range	mbar	$100-1 \cdot 10^{-3}$
Overpressure limit	bar abs.	4
Measurement uncertainty	% of reading	< 30% (100–20 mbar)
		< 10% ( $20-1 \cdot 10^{-2}$ mbar)
		< factor 2 ( $< 1 \cdot 10^{-2}$ mbar)
Resolution	mbar	1 mbar (100–10 mbar)
		2 significant digits ( $< 10$ mbar)
Measuring rate	s	1–6000
Serial interface		USB
Electrical connection		2.5 mm mini-jack for external power supply
Supply voltage	V	9 V block battery or 15 VDC external
Max. battery operating time	h	100
Power consumption	mW	110
Operating temperature	°C	+5...+50
Protection class		IP40
Approximate weight	g	200
Dimensions (L x W x H)	mm	120 x 60 x 25
Vacuum connection		DN 16 ISO-KF

Vacuum gauges	Part number
TTP 900	0656202951
Spare parts	Part number
Spare sensor	0680204606
Accessories	Part number
<b>Accessory set:</b> <ul style="list-style-type: none"> <li>• Alkaline block battery 9V</li> <li>• Protective case</li> <li>• Power supply 100–240 VAC, AC with EURO/US/UK/AUS plugs</li> <li>• Software: VacTest explorer, Pro version</li> <li>• USB interface cable for PC, 2m</li> </ul>	0947204607
USB interface cable for PC, 2m	0671204565
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 VACTESTTTP900 USen 06/2018 8BA