

VACTEST TPP 900



Intelligent

Measurement range (1200 to $5 \cdot 10^{-4}$ mbar), state-of-the-art microcontroller technology, recording of 2000 measurement points

Reliable

High industrial standards, robust construction

Efficient

Excellent measurement accuracy, up to 100 h operating time, battery and power supply

Accessories

- Protective case
- 100-240 VAC electrical power supply
- VACTEST Explorer Pro
- USB interface cable for PC
- Calibration certificate

VACTEST TPP 900



Dimensional drawing

The following technical values refer to ISO Hz

VACTEST TPP 900	
Measurement principle	Piezoresistive / Pirani
Materials exposed to vacuum	Stainless steel 1.4305, tungsten, nickel, glass
Filament material	Tungsten
Measurement range	1200–5 · 10 ⁻⁴ mbar
Overpressure limit	2 bar abs.
Measurement uncertainty () ()	< 10% of reading (40–2 · 10 ⁻³ mbar), < factor 2 (< 2 · 10 ⁻³ mbar)
Resolution	1 mbar (1200–1000 mbar), 0.1 mbar (1000–1 mbar), 2 significant digits (< 1 mbar)
Measuring rate	1–6000 s
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	100 h
Power consumption	110 mW
Operating temperature	+5 ... +50 °C
Protection class	IP40
Weight approx.	230 g
Dimensions (L x W x H)	120 x 60 x 62.5 mm
Vacuum connection	DN 16 ISO-KF

DO YOU WANT TO KNOW MORE

Please contact us!
sales@busch.co.nz or +64 (0)800 428 724



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