

# VACTEST TPP 900

Mobile gauge



## 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, spare parts and options

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

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Mobile gauge



VACUUM SOLUTIONS

| 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 <sup>-4</sup> mbar                                                            |
| Overpressure limit          | 2 bar abs.                                                                                |
| Measurement uncertainty     | < 0.3% full scale (1200–40 mbar)                                                          |
| Measurement uncertainty     | < 10% of reading (40–2 · 10 <sup>-3</sup> mbar), < factor 2 (< 2 · 10 <sup>-3</sup> 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 × 60 × 62.5 mm                                                                        |
| Vacuum connection           | DN 16 ISO-KF                                                                              |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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