

# VACTEST TTP 900

Mobile gauge



## Intelligent

Measurement range (100 to  $1 \cdot 10^{-3}$  mbar), state-of-the-art microcontroller technology, recording of 2000 measurement points

## Reliable

High industrial standards, robust construction, insensitive against shock venting, robust sensor

## 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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| VACTEST TTP 900             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Measurement principle       | Pirani                                                                                                                |
| Materials exposed to vacuum | Stainless steel 1.4305, tungsten, nickel, glass                                                                       |
| Filament material           | Tungsten                                                                                                              |
| Measurement range           | 100–1 · 10 <sup>-3</sup> mbar                                                                                         |
| Overpressure limit          | 4 bar abs.                                                                                                            |
| Measurement uncertainty     | < 30% of reading (100–20 mbar), < 10% of reading (20–1 · 10 <sup>-2</sup> ), < factor 2 (< 1 · 10 <sup>-2</sup> mbar) |
| Resolution                  | 1 mbar (100–10 mbar), 2 significant digits (< 10 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.              | 200 g                                                                                                                 |
| Dimensions (L x W x H)      | 120 x 60 x 25 mm                                                                                                      |
| Vacuum connection           | DN 16 ISO-KF                                                                                                          |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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