VD800 - Compact Vacuum Meter, Data Logger

Overview VD800-series vacuum meters

- Big graphic display
- Intuitive menu-driven handling
- Direct graphical visualization of pressure curves
- Integrated data logger for saving multiple measurement series with RTC data
- Storage of minimum and maximum pressures achieved during measurement
- Automatic switch-off or continuous operation
- Optical and acoustical alarm when reaching a predefined threshold

- Charging per standard USB-C cable
- Quick and easy data-transfer to PC, tablet, or smartphone via USB-C or wireless via Bluetooth® LE (optional)
- Pressure units: mbar, Torr, hPa
- Selectable menu language
- Adjustable logging rate of 20 ms to 60 s for fast processes
- VacuGraph™-Software: To read-out data logger, and to visualize, analyze, and save measurements

Overview VD800 vacuum meter

- Portable use for service and maintenance works
- Connection to external Thyracont USB transducers with various measuring ranges
- Ideal for complex appliances or for checking the pressure at several measuring stations

- Leak-rate calculation via rate of rise measurement
- Precise results due to connecting to active transducers
- Long battery performance
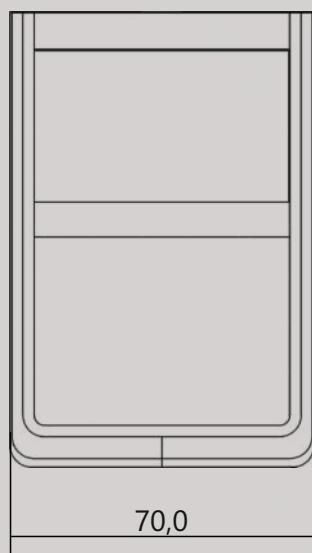
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Technical Data

Measurement Principle	Read-out of external Thyracont USB-C transducers
Measurement Range	Depending on transducer
Logging Rate	20 ms ... 60 s
Environment	Interior, degree of contamination max. PD 2 / Rel. humidity max 80% up to 30 °C, max. 50% up to 40 °C / non-condensing
Operating Temperature	+5...+50 °C
Storage Temperature	-20...+60 °C
Power Supply	5 VDC per USB-C
Interfaces	USB 2.0
Display	LCD graphic display, resolution 400 x 240
Protection Class	IP20, not certified
Weight	200 g

THYRACONT
Vacuum Instruments

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Dimensions in mm

70,0

105,0

24,4

Model designations

- VD800 Compact vacuum meter
  read-out of external USB transducers
  incl. WUSB_AC001

Accessories

- VD800CASE   protective plastic case

- VD800N5   charger 5 V

- VGR   VacuGraph™ software

- WUSB_AC001   cable USB-C to USB-A, 1.0 m

- WUSB_CC002   cable USB-C to USB-C, 2.0 m

- VSCUSB   USB-C transducer
  Abs. 2000 to 1 mbar, Rel. -1600 to +1200 mbar

- VSRUSB   USB-C transducer
  2000 to 5e-5 mbar

Further accessories as well as detailed information about our product family can be found in our VD800 brochure.