

VACUUM GAUGE

VAP 5

- The VAP 5 is a fully electronic, versatile vacuum gauge based on the PIRANI thermal conductivity principle. The ease of use and its large combined digital / analog vacuum reading for precise readout and quick trend detection, respectively, make the VAP 5 a very user-friendly measuring gauge. The measuring range is from atmospheric pressure down to 10^{-3} mbar. The VAP 5 can be mounted onto a support rod.



PERFORMANCE FEATURES

- large analog and digital vacuum display: Quick trend detection, precise readout
- fully electronic system, no sensitive mechanics
- user-selectable pressure units (mbar, hPa, Torr), digital adjustment
- mercury- and cadmium-free
- external gauge head: Flexible positioning due to separate vacuum gauge, shielded cable, mounting rod

TECHNICAL DATA

Vacuum gauge head		VSP 5
Cable length of vacuum gauge head	m	2
Upper measuring limit	mbar/hPa / torr	1000 / 750
Lower measuring limit	mbar/hPa / torr	1×10^{-3} / 1×10^{-3}
Measurement principle		Thermal conductivity acc. to Pirani (tungsten)
Measurement uncertainty		+/- 10% of indicated value in the range 0.01-100 mbar/hPa/torr
Vacuum connection		Small flange KF DN 16 / hose nozzle DN 8 mm
Permissible ambient temp. range storage / operation	°C	-10 - 60 / 10 - 40
Degree of protection		IP 20
Dimensions of display unit (L x W x H)	mm	197 x 132 x 87
Weight of display unit	kg	2

ACCESSORIES

Rubber vacuum tubing DN 8 mm (686001)
 Stainless steel tubing KF DN 16 (1000 mm: 673336)
 DKD calibration with first delivery (900214)
 DKD recalibration (900215)
 Vacuum gauge head VSP 5 (682830)
 Measuring cable 2m (682840)

ITEMS SUPPLIED (without VSP 5)

Display unit, power cable, mounting rod and manual

ITEMS SUPPLIED KIT (incl. VSP 5)

Display unit, VSP 5, power + gauge head cable, mounting rod, manual

ORDERING INFORMATION (without VSP 5)

230 V ~ 50-60 Hz	CEE	682850
100-120 V ~ 50-60 Hz	US	682855

ORDERING INFORMATION KIT (incl. VSP 5)

230 V ~ 50-60 Hz	CEE	682858
230 V ~ 50-60 Hz	CH	682881
230 V ~ 50-60 Hz	UK	682880
100-120 V ~ 50-60 Hz	US	682859