

Pressure

On the next pages you will find more information about the robust and highly accurate VAM 320 Vacuometer which is also available with EX certification.

Vacuometer

Applications:

- Measurement of low atmosphere pressure
 - Measurement in potentially explosive atmospheres: $\text{Ex II 2G Ex ib IIC T4 Gb}$ for ambient temperatures up to $+50\text{ }^{\circ}\text{C}$ ($+122\text{ }^{\circ}\text{F}$)
 - Process monitoring
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Vacuometer



VAM 320/VAM 320-EX Vacuometer robust high accuracy vacuometer



- Sets with tube, glass and bead connectors available
- Acid and base resistant plug-in sensor

Technical Data

Measurement range	0 mbar ... 2,000 mbar
Maximum pressure	3,200 mbar
Resolution	1 mbar, 0.1 kPa, 0.01psi, 1torr
Accuracy	±0.4 % ±1 digit of measurement range
Sampling rate	0.25 sec to 15 sec, adjustable
Sensor connection	Lemo plug, size 0, 4-pole
Electric power supply	Integrated rechargeable Li-Polymer battery
Operating temperature	0 °C ... +50 °C (at max. 85 % rF)
Storage temperature	-5 °C ... +50 °C
Dimensions (L x W x H)	170 x 45 x 24 mm (Polyamid 6.6)
Sensor dimensions	30 mm x Ø 40 mm (PEEK)
Protection class	IP50 (device without probe)
Weight	Approximately 150 g
Certificate	2-point factory calibration (100 mbar and 1,000 mbar)
EX certification number	BVS 03 ATEX E 068

Type	Description	Part No.
VAM 320	Vacuometer	1340-5350A
VAM 320-Set	Vacuometer with charging station, tube, glass and bead connectors	1340-5351A
VAM 320-EX	Vacuometer with EX certification	1340-5352A
VAM 320-EX set	Vacuometer with EX certification, charging station, tube, glass and bead connectors	1340-5353A

Accessories for VAM 320 and VAM 320-EX



AG 200 Charging station



VMF Bead connector



VMGL Glass connector



VMS Tube connector

Type	Description	Part No.
AG 200	Charging station	1340-5050
VMF	Bead connector	1300-0250
VMGL	Glass connector	1300-0260
VMS	Tube connector	1300-0255