

DVR 2_{pro}

THE VERSATILE VACUUM GAUGE FOR ROUGH VACUUM
chemical resistant, accurate, battery operated



Technology for Vacuum Systems

VACUUM GAUGE



The DVR 2pro is a fully electronic, versatile vacuum gauge for use in the measuring range from atmospheric pressure to 1 mbar. All wetted parts are made from enhanced chemical resistant materials which allows for the use under very arduous laboratory conditions. The high accuracy and the large graphical display from the DVR 2 have also been carried forward for the "pro" version. One of the main enhancements is the power supply which now comprises a regular 9 V Alkaline battery. The new battery slot at the back of the gauge allows for easy replacement of the battery. A wider range of connection parts provide a great range of connection flexibility for laboratory use.

- ✦ improved functionality within the navigation menu helps to save energy and to increase the life cycle of the battery
- ✦ large, combined analogue and digital graphical display allows to detect tendencies and makes for easy and precise readout
- ✦ convenient user-selectable pressure units in mbar, hPa or Torr
- ✦ multiple vacuum connections and the addition of a support rod allows for convenient installation in almost every laboratory application
- ✦ chemical resistant wetted parts together with the capacitive ceramic diaphragm pressure sensor provide excellent long-term stability and accuracy



DVR 2pro

TECHNICAL DATA

DVR 2pro

Upper measuring limit	1060 / 795 mbar/hPa / torr
Lower measuring limit	1 / 1 mbar/hPa / torr
Measurement principle	Ceramic diaphragm (alumina), capacitive, gas indep., absolute pressure
Accuracy of measurement	< +/- 1 mbar/hPa/torr / +/- 1 digit (after adjustment, constant temp.)
Temperature coefficient	< 0.15 mbar/hPa/0.11 torr /K
Vacuum connection	Small flange KF DN 16, PTFE tubing connection 10/8 mm, hose nozzle DN 6/10 mm
Permissible ambient temp. range storage / operation	-10 - 60 / 10 - 40 °C
Max. media temp. for continuous operation / short times	40 / 80 °C
Automatic switch-off	User-selectable: 1-600 min (default 5 min) or continuous operation
Measurement cycle	User-selectable: Automatic or 1 x per 3s, 1 x per 1s, 3 x per 1s
Degree of protection	IP 40
Power supply	9 V battery
Dimensions (L x W x H), approx.	115 x 115 x 90 mm
Weight, approx.	0.4 kg

ACCESSORIES

PTFE tubing KF DN 16 (1000 mm: 20686031*)
 DAKS calibration with first delivery (20900214*)
 DAKS recalibration (20900215*)
 Rubber vacuum tubing DN 6 mm (20686000*)
 Battery 9 V alkali-manganese (20612891*)

ITEMS SUPPLIED

Vacuum gauge complete with integrated vacuum sensor, including battery 9 V alkali-manganese, support rod, connecting parts and manual.

ORDERING INFORMATION

DVR 2pro

DVR 2pro 20682906*

