

Vacuum gauge DVR 2pro

[Link to the website](#)

Product description

The DVR 2pro is a fully electronic, versatile vacuum gauge for the measuring range from atmospheric pressure to 1 mbar. All wetted parts are made from enhanced chemical resistant material which allows the use under very rough 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 with a normal 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.

Performance features

- improved functionality within the navigation menu helps to save energy and to increase the life cycle of the battery
- large, graphical analog display with digital measuring values allows to detect tendencies and makes it easier to readout precisely
- pressure unit user-selectable in mbar, hPa or Torr prevents unnecessary conversions
- different vacuum connections and the additional support rod allow the use in almost every laboratory application
- chemical resistant materials for wetted parts together with the capacitive ceramic diaphragm pressure sensor provide excellent long-term stability and accuracy

Ordering data

Product name	Nominal mains voltage mains frequency	Plug type	Articleno.
DVR 2pro	9 V DC		20682906

Items supplied

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

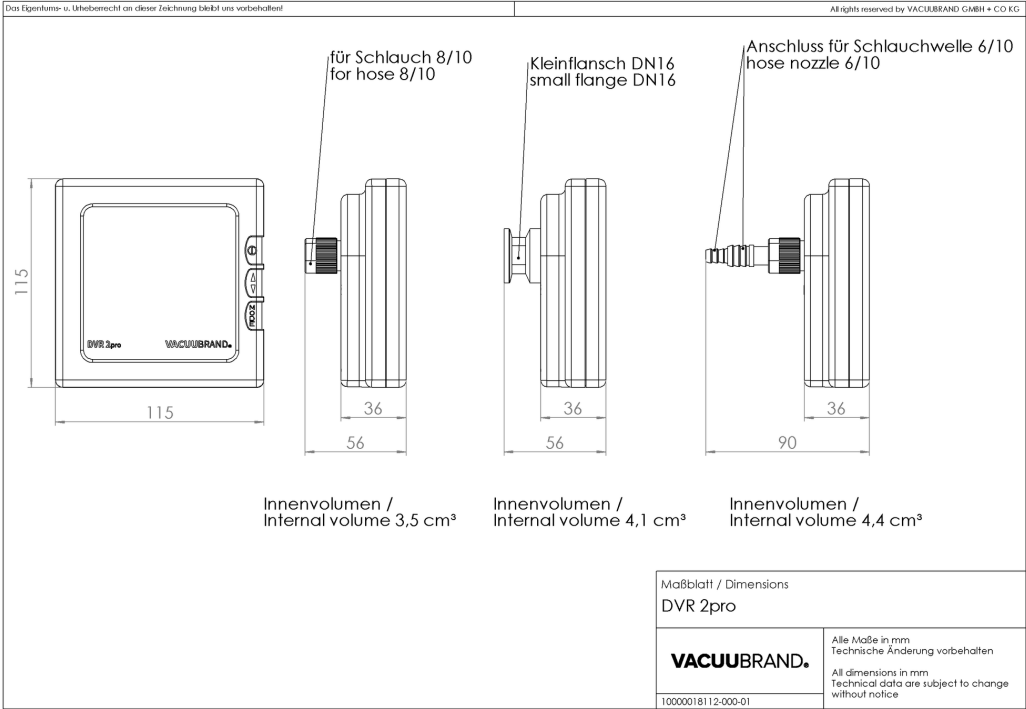
Accessories

- Rubber vacuum tubing DN 8 mm (20686001)

Technical data

Measuring range (mbar)	1060 - 1 mbar
Measuring range (torr)	795 - 1 torr
Measurement principle	Ceramic diaphragm (alumina), capacitive, gas indep., absolute pressure
Accuracy of measurement	< +/- 1 mbar/hPa/torr / +/- 1 digit (after adjustment, constant temp.)
Vacuum sensor	Integr.
Temperature coefficient	< 0.15 mbar/hPa/0.11 torr /K
Vacuum sensor connection	Small flange KF DN 16, PTFE tubing connection 10/8 mm, hose nozzle DN 6/10 mm
Permissible ambient temperature range (operation)	10 - 40 °C
Permissible ambient temperature range (storage)	-10 - 60 °C
Max. media temperature (continuous operation)	40 °C
Max. media temperature for short times	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
Power supply	9 V battery
Typical battery lifetime	4.000 h, stand-by: 30.000 h
Material of outer housing	Robust plastic housing with good chemical resistance
Protection class IEC 60529	IP 40
Dimensions (L x W x H)	115 x 115 x 90 mm
Weight	0.4 kg
NRTL certification	No

Dimension sheet



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