



VACUU · VIEW®

THE VACUUM GAUGES

for rough and fine vacuum



Technology for Vacuum Systems

THE VACUUM GAUGES VACUU·VIEW®

**A VACUUBRAND-INNOVATION
WITH INTEGRATED, CHEMICALLY RESISTANT VACUUM SENSORS**

For the monitoring of your vacuum processes, the vacuum gauges VACUU·VIEW® are perfect! They are designed for harsh conditions in chemical laboratories and industry.

Chemically resistant sensors in a robust housing provide reliable measurements.

The rough vacuum gauge VACUU·VIEW covers the measuring range from atmospheric pressure down to 0.1 mbar very precisely. The combined rough and fine vacuum gauge VACUU·VIEW extended works in the enhanced range from atmosphere down to 10^{-3} mbar.

The illuminated displays of both vacuum gauges enable comfortable reading. The product is delivered ready for use.

- ▶ Compact design with integrated sensors
 - + one piece equipment for direct connect at point of interest
- ▶ Chemically resistant, heavy duty vacuum sensors
 - + highly reliable at harsh laboratory conditions even in case of very aggressive chemicals
- ▶ High repeatability and long-term accuracy under all typical conditions
 - + reliable and repeatable results
- ▶ Illuminated display
 - + easy to read
- ▶ Display with menu driven handling
 - + easy to use
e.g. for unit settings

WWW.VACUUBRAND.COM/VACUUVIEW



VACUU-VIEW

Chemically resistant ceramic diaphragm sensor for measurement in the rough vacuum range. VACUU-VIEW provides gas-independent pressure indication with precise capacitive readout.

- ▶ Highest precision and chemical resistance in the range from atmosphere down to 0.1 mbar
 - + perfect gauge for all rough vacuum applications



VACUU-VIEW extended

The heavy duty combination of ceramic diaphragm sensor and ceramic jacketed Pirani sensor ensures reliable readings in the wide range from atmosphere down to 10^{-3} mbar.

- ▶ Precision and chemical resistance in an exceptionally wide range
 - + one gauge covers all applications in the fine and rough vacuum range



Rough vacuum gauge
VACUU-VIEW - Measuring
 with highest precision from
 atmosphere down to 0.1 mbar

Rough and fine vacuum gauge
VACUU-VIEW extended with
 an extended measurement range
 from atmosphere down to 10^{-3} mbar

Compact design
 with integrated
 sensors

Easy to read,
 illuminated display

Easy, menu driven
 handling

Compatible with
 controller CVC 3000
 and VACUU.SELECT
 and gauge DCP 3000

Chemically resistant
 and robust



Technical Data / Ordering information	VACUU-VIEW	VACUU-VIEW extended
Measuring range (mbar=hPa)	1100 - 0.1	1100 - 0.001
Measuring range (torr)	825 - 0.075	825 - 0.001
Measuring principle	ceramic diaphragm (alumina), capacitive, gas indep., absolute pressure	ceramic diaphragm sensor + ceramic jacketed Pirani sensor
Accuracy of measurement	< +/- 1 mbar/hPa/torr / +/- 1 digit (after adjustment, constant temp.)	+/- 15% of indicated value in the range from 5-0.01 mbar(hPa) +/- 3 mbar for >5 mbar(hPa)
Vacuum connection	KF DN 16 / hose nozzle DN 6/10 mm	
Dimensions (L x W x H, mm)	50 x 62 x 103	
Weight (kg)	0.19	
Power supply	100-230 V ~ 50-60 Hz (CEE/CH/US/UK/AUS/CN)	
Ordering information	20683220	20683210

California Residents:

For more information concerning California Proposition 65, please go to www.vacuubrand.com/calprop65



DVR 2pro

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*)
 DAkkS calibration with first delivery (20900214*)
 DAkkS 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*





DVR 3pro

THE VERSATILE ATEX MEASURING GAUGE FOR ROUGH VACUUM

chemically resistant, precise, battery-powered



Technology for Vacuum Systems

VACUUM GAUGE



The DVR 3pro is a fully electronic, versatile vacuum gauge with ATEX approval for use in areas with potentially explosive atmospheres (ATEX category 2). Thanks to the easy operation and the combined digital/analog pressure display, measured values can be viewed fast and precisely. The DVR 3pro has an integrated pressure sensor made of aluminum oxide ceramic with excellent corrosion resistance and high long-term stability. A particular advantage is the flexible use with 9V battery power supply (mains-independent operation). Approved batteries are available from retail outlets. The removable cover at the back of the gauge allows for easy battery replacement. (Note: battery replacement must be done outside the hazardous ATEX area.)

- Flexible application range due to mains-independent operation of the fully electronic vacuum gauge with ATEX approval
- Large, graphical analog display combined with precise digital readout allows users to detect and view tendencies easily
- Improved functionality within the navigation menu helps to save energy and to increase the life cycle of the battery; battery easily replaceable; no lithium battery
- High reliability, low EMI emission level near detection limit, high degree of immunity to electromagnetic interference, suitable for use in industrial environments
- Capacitive ceramic diaphragm vacuum sensor made of aluminum oxide with excellent chemical resistance, accuracy and long-term stability



DVR 3pro

TECHNICAL DATA

DVR 3pro

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.	117 x 117 x 91 mm
Weight, approx.	0.4 kg
ATEX-approval	II 2G EX ib IIC T4 Gb

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)
9 V battery (20612891)

ITEMS SUPPLIED

Vacuum gauge complete with integrated vacuum sensor, including battery, hex key, connecting parts and manual.

ORDERING INFORMATION

DVR 3pro

DVR 3pro 20682907



If undelivered please return to below address

Book Post



Scientific Research Instruments Company Private Limited

42-43, 2nd & 3rd Floor, 1st Cross, Gubbalala, Bengaluru - 560 061

Telephone : 080 4757 2577 | 080 4302 5791

Sales

info@srico-labworld.com

Mobile : +91 9900674407

Service

service@srico-labworld.com

Mobile : +91 9900055879

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