

Vacuum gauge VACUU·VIEW extended

[Link to the website](#)



Product description

For the monitoring of your vacuum processes in the rough and fine vacuum range, the new vacuum gauges VACUU·VIEW extended are perfect! 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.

Performance features

- Precision and chemical resistance in an exceptionally wide range from atmosphere down to 10^{-3} mbar, one gauge only for both rough and fine vacuum
- compact design with integrated sensors for useful setup in laboratory and process
- the chemical resistant combination of ceramic diaphragm sensor and ceramic jacketed Pirani sensor ensures a long product life even with aggressive chemicals
- illuminated display, easy to read
- display with menu driven handling, easy to use e.g. for unit settings

Ordering data

| Product name | Nominal mains voltage mains frequency | Plug type | Articleno. |
|---------------------|---|---------------------|------------|
| VACUU-VIEW extended | 100-230 V 50-60 Hz | CEE/CH/UK/US/AUS/CN | 20683210 |

Items supplied

Vacuum gauge with integrated vacuum sensors, ready for operation, with kit hose nozzle DN 6/10 mm, wall-plug power supply and manual.

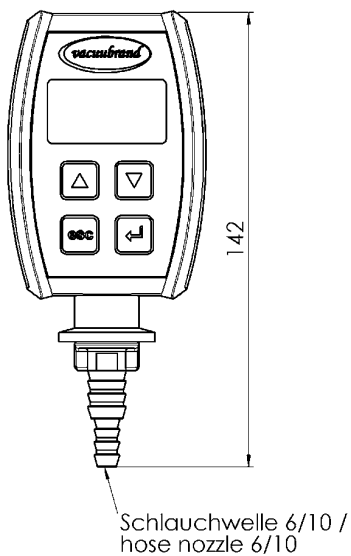
Accessories

- Rubber vacuum tubing DN 8 mm (20686001)

Technical data

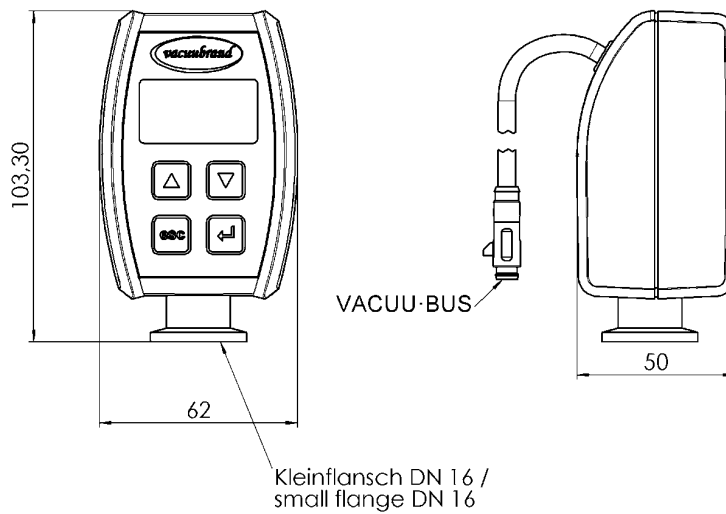
| | |
|---|--|
| Measuring range (mbar) | 1100 - 1×10^{-3} mbar |
| Measuring range (torr) | 825 - 1×10^{-3} torr |
| Measurement principle | Ceramic diaphragm sensor + ceramic jacketed Pirani sensor |
| Accuracy of measurement | +/- 15% of indicated value in the range 0.01-5 mbar / +/-3 mbar for > 5 mbar |
| Vacuum sensor | Integr. |
| Temperature coefficient | +/- 0.2 mbar/hPa/0.15 torr /K |
| Vacuum sensor connection | Small flange KF DN 16 and hose nozzle DN 6/10 mm |
| Venting valve, connection | No |
| 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 |
| Material of outer housing | Robust plastic housing with good chemical resistance |
| Protection class IEC 60529 | IP 54 |
| Protection class UL50E | Type 5 |
| Protection class of front side according to IEC 60529 | IP 54 |
| Dimensions (L x W x H) | 50 x 62 x 103 mm |
| Weight | 0.19 kg |
| Cable length connection | 2 m |
| ATEX conformity | II 3/- G Ex h IIC T4 Gc X Internal Atm. only |
| NRTL certification | Yes |

Dimension sheet



Gewicht /
weight: 210 g

Innenvolumen /
Internal volume: 3.0 cm³



Alle Maße / all dimensions (mm)

Gewicht /
weight: 205 g

Innenvolumen /
Internal volume: 3.4 cm³

VACUUBRAND VACUU-VIEW
Version 2015/06/03

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VACUUBRAND®

VACUUBRAND is part of the Brand group, a manufacturer of high-quality and innovative laboratory equipment and vacuum technology with a global team of approx. 1,000 employees.

With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

All with one goal:

Enabling our customers to run reliable, safe and efficient processes. This is why we commit ourselves to continuous innovation, first-class performance, and outstanding quality.

Engineering excellence is central to our ability to deliver products and solutions renowned for their quality, durability, and reliability. Innovative technology, high quality materials and extensive testing deliver unmatched performance - engineered and manufactured in Germany.

Together with you, our experts will find the best solution for your application and provide you with first-class service along the way.

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