

Electronic pressure gauge DMG S2501TC, DMG S2510

Product brochure · GB
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- Suitable for use throughout the world due to its pressure unit selection feature
- Pressure is monitored for long term measurement
- Peak values can be viewed at any time
- Measurements may be recorded by printing them out
- Convenient measurement with automatic value resolution
- Easy to read measurement display with adjustable display resolution
- Precise measurement results with temperature compensation facility
- Pressure measurements on FESTO controls using connection set
- Work without hands by using securing magnets
- For industrial use with a robust housing and sealed key pad
- Low servicing requirement when used in the heating and sanitary fields



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For measurements in a laboratory.



For adjusting gas burners.



For process control, e.g. on forging furnaces.

Application

Pressure gauges DMG S2501TC and DMG S2510 measure negative pressure, positive pressure and differential pressure of non-aggressive, gaseous media.

Mobile application to check measurements, e.g. when commissioning or servicing burners, control systems, heating and ventilation systems.

Measurement values can be called up and displayed in various units all over the world. The measurement values can be recorded via an infrared interface using an HP 82240B printer (available from Hewlett-Packard). Minimum and maximum measurement values are automatically recorded during a measuring phase and can be retrieved at any time.

The pressure gauge DMG S2501TC can be used for pressure measurements of up to ± 150 mbar. Thanks to the temperature compensation facility, the device has a high reading accuracy, even in the event of temperature fluctuations. It is for example suitable for adjusting burners.

The pressure gauge DMG S2510 can be used for pressure measurements of up to ± 1 bar. It is also suitable for checking the tightness of pipelines.

Accessories

Connection set

For connection of the instrument to the measuring point. The DMG S2501TC and DMG S2510 can also be connected to FESTO controls using the connection set.

Protective sleeve

For protecting and temporarily attaching the pressure gauge to metallic objects using magnets.



Connection set with 2 silicone and FESTO tubes.



Protective sleeve with magnets for attachment on furnace wall for instance.

Technical data

Dimensions: 190 × 60 × 36 mm.

Weight: 280 g.

Ambient temperature: 0 to 40 °C.

Storage temperature: -20 to 50 °C.

Medium temperature: 0 to 40 °C.

Pressure units (switchable): hPa/mbar, kPa/bar, mH₂O, mmHg, inH₂O, inHg or PSI.

Batteries/Rechargeable batteries:
2 × 1.5 V alkaline battery (type miniature, size AA) or

2 × 1.5 V NiMH rechargeable battery (type miniature, size AA) or

2 × 1.5 V AccuCell (type miniature, size AA).

DMG S2501TC

with temperature compensation (calibration report enclosed).

Measuring range: 0 to ± 150 mbar (calibration range 0 to ± 130 mbar).

Reading accuracy for 0.01 to 19.99 mbar: $\pm 0.6\%$ of measured value (± 1 digit).

Resolution: 0.01 mbar.

Reading accuracy for 20 to 130 mbar: $\pm 0.6\%$ of measured value (± 1 digit).

Resolution: 0.1 mbar upwards of 20 mbar.

DMG S2510

Measuring range: 0 to ± 1000 mbar.

Reading accuracy for 0 to 199.9 mbar: $\pm 0.8\%$ of measured value (± 1 digit).

Resolution: 0.1 mbar.

Reading accuracy for 200 to 1000 mbar: $\pm 0.8\%$ of measured value (± 1 digit).

Resolution: 1 mbar.

Maintenance cycles

It is recommended that you have the instrument checked regularly (< 24 months) and that it be recalibrated regularly if used industrially.

Detailed information on this product

www.docuthek.com

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