

# DM 9600

## Precision manometer for accurate pressure-, differential pressure- and temperature- measurements

Cost effective measuring technique  
suitable for much more than just  
pressure measurements



- Suitable for measuring gas flow pressure nozzle pressure, furnace pressure, stack draught and many more
- Temperature measurements using standard K-type thermocouple
- With optional HC probe usable also as gas "sniffer"
- Touch colour display for intuitive operation and best readability
- Measuring range up to 7000 hPa (7bar)

# DM 9600 Precision Manometer

DM 9600 is extremely easy to use, due to compact, lean enclosure with intuitive touch colour display. High data safety is possible by means of print and storage capability.

Strong fluctuation of readings in the display are being smoothed with free programmable averaging time. The temperature compensated pressure sensors guarantee a long-time stable measurement.

## Standard configuration:

- Temperature compensated pressure sensor
- 2 separate K-type thermocouple sockets for standard NiCrNi thermocouples
- 2,8" touch, colour display
- Fibreglass reinforced enclosure with integrated fixing magnets
- Infrared printing interface
- USB socket for data transfer and battery charging
- Micro SD-card slot
- Li-Ion battery for up to 20 h operation
- Internal data storage of 1000 measurements and 500 sites
- All international measuring units selectable as mbar, inchH<sub>2</sub>O, etc
- Graphical display of measurement
- Measuring ranges from  $\pm 1$  mbar to  $\pm 7$  bar
- Automatic zeroing for long time stability of readings
- Concurrent measurement of pressure and temperature (K-type thermocouple)

## Optional configuration:

- AUX socket for connection of external transducers, for example gas "sniffer"
- Bluetooth-LE module for wireless data transfer to MRU4U app
- Special measuring program for pipe leak testing and auxiliaries
- HC probe (gas sniffer)
- Various temperature sensors
- Infrared printer
- Transport case
- PC software MRU4Win

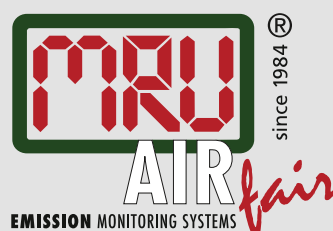
## General technical data:

Display	Touch & colour 2,8" display
Measuring units	Pa, hPa, mbar, bar, psi, mm Hg, a.m.m.
Zero point	Automatic
Interfaces	Mini-USB, Micro-SD, Bluetooth (option)
Rechargeable Battery	Lithium-Ion
Dimensions	(W x H x D) 82 x 169 x 36 mm
Weight	approx. 400 g

Measuring range	Resolution	Accuracy, abs. / reading	Stability over 0 ... 50°C
$\pm 75$ hPa	0,1 Pa	$\pm 2$ Pa/ 0,5%	$\pm 0,4$ %
$\pm 150$ hPa	0,01 hPa	$\pm 0,03$ hPa/ 0,5%	$\pm 0,4$ %
$\pm 350$ hPa	0,01 hPa	$\pm 0,3$ hPa/ 0,5%	$\pm 0,5$ %
$\pm 1.000$ hPa	0,1 hPa	$\pm 1,0$ hPa/ 1 %	$\pm 0,5$ %
$\pm 7.000$ hPa	0,1 hPa	$\pm 1,0$ hPa/ 1 %	$\pm 0,5$ %
Temperature	0,1 °	$\pm 1,0$ °C/ 0,5 %	N/A

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