



FINE MANOMETER for over/under pressure or pressure difference

GDH 200 - 07

0.00 to 19.99 / 199.9 mbar (± 199.9 mbar)

Device ready for use incl. battery

Functions:

- Autorange
- Excellent zero point stabilisation
- Manual slope adjustment
- 4 selectable measuring units: Pa, mbar, mmHg, PSI
- automatic off-function: 1 ... 120 Min

Specification

Measuring range:

0.00 ... 19.99 resp. 20.0 ... 199.9 mbar (hPa)

0.00 ... 19.99 resp. 20.0 ... 150.0 mmHg

0.000 ... 1.999 PSI / 0 ... 1999 Pa

Resolution: automatic change 0.1 / 0.01

Overload: max. 500 mbar

Accuracy: (at nominal temperature = 25 °C and automatic Zero point-adjustment)

Measuring range: up to 200 mbar

$\pm 0,2$ % f.s. hysteresis and linearity

$\pm 0,4$ % f.s. temperature drift from 0 to 50 °C

Measuring range: up to 20 mbar

± 1 % f.s. hysteresis and linearity

± 2 % f.s. temperature drift from 0 to 50 °C

Sensor: piezoresistive relative pressure sensor

Pressure connection: 2 pressure port sockets made of nickel-plated brass, for flexible pressure tubings 6x1 mm (4 mm inner-diameter), approx. 11 mm protrusive.

Working temperature: -25 to 50 °C

Display: 3½ digit LCD display, approx. 13 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 250 μ A (= 1200 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm

(H x W x D) without pressure port sockets

Weight: approx. 135 g (incl. battery)

Auto-Off-Function: 1...120 min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Zero function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22/23, 40/41



MANOMETER for over/under pressure or pressure difference

GDH 200 - 13

0.0 to 199.9 / 1999 mbar (± 1999 mbar)

Device ready for use incl. battery

Functions:

- Autorange
- Excellent zero point stabilisation
- Manual slope adjustment
- 3 selectable measuring units: mbar, mmHg, PSI
- automatic off-function: 1 ... 120 Min

Specification

Measuring range:

0.0 ... 199.9 resp. 200 ... 1999 mbar (hPa)

0.0 ... 199.9 resp. 200 ... 1500 mmHg

0.00 ... 19.99 PSI

Resolution: automatic change 1 / 0.1

Overload: max. 4000 mbar

Accuracy: (at nominal temperature = 25 °C and automatic Zero point-adjustment)

Measuring range: up to 2000 mbar

$\pm 0,2$ % f.s. hysteresis and linearity

$\pm 0,4$ % f.s. temperature drift from 0 to 50 °C

Measuring range: up to 200 mbar

± 1 % f.s. hysteresis and linearity

± 2 % f.s. temperature drift from 0 to 50 °C

Sensor: piezoresistive relative pressure sensor

Pressure connection: 2 pressure port sockets made of nickel-plated brass, for flexible pressure tubings 6x1 mm (4 mm inner-diameter), approx. 11 mm protrusive.

Working temperature: -25 to 50 °C

Display: 3½ digit LCD display, approx. 13 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 250 μ A (= 1200 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm

(H x W x D) without pressure port sockets

Weight: approx. 135 g (incl. battery)

Auto-Off-Function: 1...120 min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Zero function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22/23, 40/41



VAKUUM-/BAROMETER and **MANOMETER** for absolute pressure

GDH 200 - 14

0 to 11000 mbar abs.

Device ready for use incl. battery

Functions:

- Sea level-adjustment possible
- suitable for relative pressure measurement (-1...10 bar) by use the zero function
- Manual slope and offset adjustment
- 4 selectable measuring units: mbar, mmHg, bar, PSI
- automatic off-function: 1 ... 120 Min

Specification

Measuring range:

0 ... 11000 (hPa) abs.

0 ... 8250 mmHg abs.

0.000 ... 11.000 bar abs.

0.00 ... 160.00 PSI abs.

Resolution: 1 mbar, 1 mmHg, 0.001 bar, 0.02 PSI

Overload: max. 13 bar abs.

Accuracy: (at nominal temperature = 25 °C)

± 3 mbar or 0,1 % of m.v. (whichever is higher)

$\pm 0,3$ % f.s. temperature drift from 0 to 50 °C

Sensor: piezoresistive absolute pressure sensor

Pressure connection: pressure port socket made of nickel-plated brass, for flexible pressure tubings 6x1 mm (4 mm inner-diameter), approx. 11 mm protrusive.

Working temperature: -25 to 50 °C

Display: 4½ digit LCD display, approx. 12 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 40 μ A (= 7500 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm

(H x W x D) without pressure port socket

Weight: approx. 135 g (incl. battery)

Sea level-adjustment: barometric air pressure can be displayed null based even at sea level. (the pressure-adjustment is entered in metres above "null")

Auto-Off-Function: 1...120 min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Zero function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22/23, 40/41