



HandiPress 100

HANDHELD DIGITAL PRESSURE GAUGE

Model No.: HMG01/6

The **Handipress 100** handheld digital pressure gauges accurately and reliably measure differential, absolute and relative pressures in air and non-aggressive gases.

Operated with a 9V 6F22 battery, the gauges have a 3.5-digit LCD display with 12.7 mm figure height, low battery indicator, pressure overload LED and can drive a 0-1 V analogue output.

Version **HMG06** has an additional adjustable zero point and with on-board linearity correction can reach even higher levels of accuracy than the **HMG01**.



Standard Features:

Operating Temperature	0 to 50 °C
Media	air and all non-aggressive gases
Power supply	9V battery 6F22
Pneumatic Connections	2 x 4 / 6mm Ø tube connections
Weight	? 190g inc. battery
Environmental protection	IP 54
Dimensions	85 mm x 160 mm x 31 mm

Applications:

- ▶ control of air-blowers
- ▶ supervision of air-filters
- ▶ mechanical / system engineering
- ▶ environmental technology
- ▶ liquid level control
- ▶ medical engineering

Differential Pressure (HMG01)

pressure range [mbar]	pressure range [kPa]	max. over-pressure [mbar]	linear error max. [± % F.S.]	max. temp. error [± % F.S.] 0-50 °C	long-term stability [± % F.S.]	repeat-precision [± % F.S.]	measurement per sec
0 - 1	0 - 0.1	250	1	4	2	0.3	2.5
0 - 2.5	0 - 0.25	250	0.8	2.5	2	0.3	2.5
0 - 5	0 - 0.5	250	0.8	1.2	1	0.3	2.5
0 - 10	0 - 1	250	0.8	1	0.5	0.2	2.5
0 - 25	0 - 2.5	350	0.7	1	0.1	0.1	2.5
0 - 50	0 - 5	350	0.7	1	0.1	0.1	2.5
0 - 100	0 - 10	350	0.5	1	0.1	0.1	2.5
0 - 1000	0 - 100	X 3	0.5	1	0.1	0.1	2.5
0 - 1999	0 - 50	X 2	0.5	1	0.1	0.1	2.5
0 -10 bar	0 - 100	X 1.2	0.5	2	0.1	0.1	2.5

Absolute Pressure (HMG01)

pressure range [mbar]	pressure range [kPa]	max. over-pressure [mbar]	linear error max. [± % F.S.]	max. temp. error [± % F.S.] 0-50 °C	long-term stability [± % F.S.]	repeat-precision [± % F.S.]	measurement per sec
700-1100	10-110	triple	± 0.9 mbar	2.3 mbar	0.1	0.1	2.5

Differential Pressure (HMG06)

0 - 100	0 - 10	350	0.2	0.8	0.1	0.1	2.5
0 - 200	0 - 20	1000	0.2	0.8	0.1	0.1	2.5
0 - 1000	0 - 100	3000	0.2	0.8	0.1	0.1	2.5



ORDERING MATRIX ~ HMG

Locate the order code for your specification and enter it into the appropriate box. See the above tables and the pressure codes reference section in the introduction for more details. Please note that some options may not be available with all models.

