

HANDHELD DIGITAL MANOMETER FOR DIFFERENTIAL, GAGE AND ABSOLUTE PRESSURE



HHP240 Series

Starts at
\$350



- ✓ Gage, Absolute and Differential Pressure Models
- ✓ MIN/MAX, Hold and Display Averaging Modes
- ✓ 8 User Selectable Engineering Units
- ✓ User Activated Back Light
- ✓ Auto Shutoff After 20 Minutes of Keypad Inactivity
- ✓ 0 to 100% Horizontal Bargraph

Omega's HHP240 Series handheld manometers deliver precision pressure measurement for field, plant or lab use. Two models are

available. The low cost HHP241 with 0.25% FS accuracy, including temperature effects, or the HHP242 with 0.1% FS accuracy. Both units are available in differential, gage or absolute pressure ranges.

SPECIFICATIONS

Accuracy:

HHP241: $\pm 0.25\%$ FS

HHP242: $\pm 0.1\%$ FS

Storage Temperature: -10 to 50°C (14 to 122°F)

Operating Temperature: -40 to 60°C (-40 to 140°F)

Temperature Effects:

No temperature effect over the entire operating range

Engineering Units: 8 user selectable (InH₂O, mmH₂O, mmHg, InHg, kPa, mBar, bar and psi)

Proof Pressure: 3x full scale or 14 bar (200 psi) whichever is less (high side only on differential units)

Pressure Port: 1/8 FNPT

Media Compatibility: Clean, dry non-corrosive gases

Battery: 3 "AA" batteries (included)

Battery Life: >300 hours continuous

Dimensions: 152 H x 76 W x 25 mm D (6.0 x 3.0 x 1.0")

Weight: 340 g (12 oz)



HHP241-100G, \$350, shown smaller than actual size.

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PRESSURE INSTRUMENTS

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	ACCURACY	MODEL NO.	PRICE	ACCURACY	RANGE
HHP241-005G	\$350	$\pm 0.25\%$ FS	HHP242-005G	\$450	$\pm 0.1\%$ FS	0 to 0.3 bar (0 to 5 psi) gage
HHP241-015G	350	$\pm 0.25\%$ FS	HHP242-015G	450	$\pm 0.1\%$ FS	0 to 1 bar (0 to 15 psi) gage
HHP241-030G	350	$\pm 0.25\%$ FS	HHP242-030G	450	$\pm 0.1\%$ FS	0 to 2 bar (0 to 30 psi) gage
HHP241-050G	350	$\pm 0.25\%$ FS	HHP242-050G	450	$\pm 0.1\%$ FS	0 to 3 bar (0 to 50 psi) gage
HHP241-100G	350	$\pm 0.25\%$ FS	HHP242-100G	450	$\pm 0.1\%$ FS	0 to 7 bar (0 to 100 psi) gage
HHP241-028D	350	$\pm 0.25\%$ FS	HHP242-028D	450	$\pm 0.1\%$ FS	0 to 70 mbar (0 to 28 inH ₂ O) differential
HHP241-138D	350	$\pm 0.25\%$ FS	HHP242-138D	450	$\pm 0.1\%$ FS	0 to 344 mbar (0 to 138 inH ₂ O) differential
HHP241-416D	350	$\pm 0.25\%$ FS	HHP242-416D	450	$\pm 0.1\%$ FS	0 to 1036 mbar (0 to 416 inH ₂ O) differential
HHP241-832D	350	$\pm 0.25\%$ FS	HHP242-832D	450	$\pm 0.1\%$ FS	0 to 2072 mbar (0 to 832 inH ₂ O) differential
HHP241-2KD	350	$\pm 0.25\%$ FS	HHP242-2KD	450	$\pm 0.1\%$ FS	0 to 4981 mbar (0 to 2000 inH ₂ O) differential
HHP241-015A	375	$\pm 0.25\%$ FS	HHP242-015A	475	$\pm 0.1\%$ FS	0 to 775 mmHg (0 to 15 psi) absolute
HHP241-030A	375	$\pm 0.25\%$ FS	HHP242-030A	475	$\pm 0.1\%$ FS	0 to 1551 mmHg (0 to 30 psi) absolute
HHP241-050A	375	$\pm 0.25\%$ FS	HHP242-050A	475	$\pm 0.1\%$ FS	0 to 2585 mmHg (0 to 50 psi) absolute

Comes complete with 3 "AA" batteries, protective rubber boot and operator's manual.

Ordering Examples: HHP241-030G, handheld manometer with $\pm 0.25\%$ FS accuracy and a 0 to 2 bar (0 to 30 psig) range, \$350.

HHP242-832D, handheld manometer with $\pm 0.1\%$ FS accuracy and a 0 to 21 m (0 to 832") of water differential pressure range, \$450.

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