

ECONOMICAL DIGITAL MANOMETER FOR CLEAN DRY GASES

HHP4200 Series



- ✓ Digital Display of Gauge or Differential Pressure
- ✓ User Selectable Engineering Units
- ✓ Min and Max Memory
- ✓ RS232 Output with Optional Software
- ✓ Auto Power Off and Low Battery Indication
- ✓ Bright Backlit Display

The HHP4200 series is a low cost handheld manometer capable of measuring differential pressure and positive or negative gauge pressure. Five models are available covering ranges from 0-2 to 0-100 psi. All models feature user selectable engineering units, MIN/MAX memory and a bright backlit display for easy viewing in low light conditions.

SPECIFICATIONS

Accuracy: ±0.3% FS

Resolution: See "To Order" table

Engineering Units (User Selectable): psi, mbar, bar, inH₂O, cmH₂O, mmHg, ozin², kgcm², kPa, ftH₂O, inHg (except HHP4252: psi, mbar, bar, inH₂O, mmH₂O)

Storage Temperature: -20 to 60°C (-4 to 140°F)

Operating Temperature: 0 to 50°C (32 to 122°F)

Temperature Effects: ±0.2% FS typical (±1% max)

Proof Pressure: See "To Order" table

Pressure Media: Clean, dry, non-corrosive gases

Response Time: 0.5 sec

**Pressure Connections/
Tubing Size:**

Hose barb for 4 mm ID tubing

Battery: 9V battery (included)

Battery Life: 30 hours (without backlight)

Dimensions:

182 H x 72 W x 30 mm D (7.16 x 2.83 x 1.18")

Weight: 150 g (5.3 oz)

HHP4215, shown slightly smaller than actual size.



To Order Visit omega.com/hhp4200 for Pricing and Details

| MODEL NO. | RANGE (psi) | RESOLUTION (psi) | PROOF PRESSURE (psi) |
|-----------|-------------|------------------|----------------------|
| HHP4252 | 0 to 2 | 0.001 | 20 |
| HHP4205 | 0 to 5 | 0.003 | 20 |
| HHP4215 | 0 to 15 | 0.01 | 30 |
| HHP4230 | 0 to 30 | 0.02 | 60 |
| HHP4200 | 0 to 100 | 0.1 | 150 |

ACCESSORY

| MODEL NO. | DESCRIPTION |
|-----------|---|
| HHF91-SW | Software and RS232 cable with 9 pin sub-D connector |

Comes complete with 9V battery, connection hose, hard carrying case and operator's manual.

Ordering Examples: HHP4252, 0 to 2 psi manometer.

HHP4230, 0 to 30 psi manometer and HHF91-SW, optional software and RS232 cable.