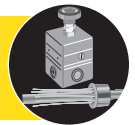


PRESSURE



Handheld Manometer with RS232 and optional Software

Model
HHP8205

\$195



- ✓ Gage or Differential Pressure
- ✓ Easy to Operate
- ✓ RS232/PC Interface
- ✓ Auto Power Off Extends Battery Life
- ✓ "BAT" Display Indicates when to Replace Battery
- ✓ Hold Data Function
- ✓ Backlight Display
- ✓ Battery Included
- ✓ 11 Switchable Units Plus 11 User Defined Units
- ✓ Software and PC Cable Optional

Shown smaller than actual size
Software sold separately



Specifications

Sensor:

Built-in piezoelectric sensor in housing

Compatible Media: Clean, dry, non-corrosive gases

Maximum Overpressure: See Table

Accuracy: See Table

Linearity & Hysteresis:

±0.2% FS Typ. (Max ±1.0%)

Repeatability: ±0.2% FS (Max 0.5%)

Functions:

Hold Date, Record, Relative Pressure (Gage Pressure), Backlight, Unit Eligible

Switchable Units: psi, inH₂O, kPa, bar, mbar, kg/cm², mmHg, cmHg, inHg, ftH₂O, oz/in

Operating Humidity:

10 to 90% non-condensing

Operating Temperature:

0 to 50°C (32 to 122°C)

Temperature Effects:

Span: 0.5% (Over operating range)

Connection: Tube fitting

Serial Format:

2400 baud, 1 stop bit, 8 data bits

Power: 9 V Battery (included)

Dimensions:

72 x 182 x 30 mm (2.8 x 7.2 x 1.2")

Weight: 150 g (5.3 oz)

Supplied with:

Tubing, battery, instruction manual, hard carrying case

Model No.	HHP8205	HHP8215	HHP8230	HHP8210
Range (psi)	0 to 5	0 to 15	0 to 30	0 to 100
Max Over Pressure (psi)*	20	30	60	150
Accuracy (%FS) (includes linearity, hysteresis and repeatability)	±0.3%	±0.3%	±0.3%	±0.3%
Resolution				
psi	0.003	0.01	0.02	0.1
inH₂O	0.1	0.3	0.5	2
inHg	0.01	0.02	0.04	0.2
bar	0.001	0.001	0.002	0.004
mbar	0.2	1	2	4
mmHg	0.2	0.5	1	3
oz/in	0.05	0.2	0.2	1
kg/cm²	0.001	0.001	0.002	0.004
kPa	0.02	0.1	0.2	0.4
ftH₂O	0.01	0.02	0.04	0.2
cmH₂O	0.2	1	2	4

*Exceeding maximum pressure will cause permanent sensor damage

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

Model No.	Price	Description
HHP8205	\$195	0 to 5 psi high resolution model
HHP8215	195	0 to 15 psi standard resolution model
HHP8230	195	0 to 30 psi standard resolution model
HHP8210	195	0 to 100 psi standard resolution model
PHH-860-SW	75	RS232 Software, (disk & PC Cable)
PHH-860-PS	12	DC Power Supply Adapter

Ordering Example: HHP8205 & PHH-860-SW, 0 to 5 psi model with 0.003 psi resolution, and RS232 software and PC cable, \$195 + 75 = **\$270**.

Supplied with connector, hose, battery, instruction manual and hard carrying case.

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters