

# HANDHELD PRESSURE DATA LOGGER WITH INTERCHANGEABLE REMOTE SENSORS

## HHP9303 Complete System



- ✓ Displays and Records Pressure
- ✓ Logs Data on Standard SD Memory Cards, 2 GB Card Included
- ✓ Interchangeable Pressure Sensors Available in 8 Ranges
- ✓ No Recalibration Necessary When Changing Pressure Ranges
- ✓ No Special Software Required, Download Direct to Excel
- ✓ Displays in 10 User Selectable Pressure Scales

directly or via a USB card reader. Files are stored with a “.xls” extension so they can be opened with Microsoft Excel without the need for any other software.

### SPECIFICATIONS

**Accuracy:** ±0.5% FS + 1LSD

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

**Relative Humidity:** 0 to 85%

**Display Type:** LCD with green backlight

**Power:** 6 “AA” alkaline batteries (included) or optional 9 Vdc adapter

**Pressure Units:** bar, psi, Kg/cm<sup>2</sup>, hPA, kPA, mmHg, inHg, meters H<sub>2</sub>O, inH<sub>2</sub>O, atmospheres

**Current Draw:** 37 mA (add 12 mA if backlight on)

**Pressure Media:** Clean dry non-corrosive gases

**Process Connection:** ½-18 NPTM

**Data Logging Sample Rate:** Settable from 1 second to 9 hours

**Dimensions:** 177 H x 68 W x 45 mm D (6.97 x 2.68 x 1.77")

**Meter Weight:** 350 g (0.77 lb)



HHP9303 data logger, shown smaller than actual size.

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PRESSURE INSTRUMENTS

2GB-SD card, included.

HHP100-2, shown smaller than actual size. (sold separately)

OMEGA’s HHP9303 handheld pressure meter and data logger is suitable for a wide variety of applications. Pressure range is selected by interchangeable remote pressure sensors. Sensors are available in 8 different ranges of 2, 5, 10, 20, 50, 100, 200 and 400 bar. Recalibration is not required when changing ranges. Pressure can be displayed in one of 10 user selectable pressure scales (bar, psi, Kg/cm<sup>2</sup>, hPA, kPA, mmHg, inHg, meters H<sub>2</sub>O, inH<sub>2</sub>O, Atm).

In addition to displaying real time pressure readings the HHP9303 can log data manually or automatically at any sampling rate from 1 second up to 9 hours. Readings are date and time stamped and stored on standard SD memory cards from 1 to 16 GB storage capacity. The user can remove the card and plug it into a laptop or desktop computer either

## To Order

MODEL NO.	DESCRIPTION
<b>HHP9303</b>	Handheld pressure meter/data logger with 2 GB SD card
<b>PRESSURE SENSORS</b>	
<b>HHP100-2</b>	Plug-in pressure sensor, 0 to 2 bar (0 to 29 psi)
<b>HHP100-5</b>	Plug-in pressure sensor, 0 to 5 bar (0 to 72.5 psi)
<b>HHP100-10</b>	Plug-in pressure sensor, 0 to 10 bar (0 to 145 psi)
<b>HHP100-20</b>	Plug-in pressure sensor, 0 to 20 bar (0 to 290 psi)
<b>HHP100-50</b>	Plug-in pressure sensor, 0 to 50 bar (0 to 725 psi)
<b>HHP100-100</b>	Plug-in pressure sensor, 0 to 100 bar (0 to 1450 psi)
<b>HHP100-200</b>	Plug-in pressure sensor, 0 to 200 bar (0 to 2900 psi)
<b>HHP100-400</b>	Plug-in pressure sensor, 0 to 400 bar (0 to 5800 psi)
<b>ACCESSORIES</b>	
MODEL NO.	DESCRIPTION
<b>SC-SD</b>	Soft carrying case for HHP9303
<b>HC-SD</b>	Hard carrying case for HHP9303
<b>ADAPTER-SD</b>	AC adapter

Comes complete with 6 “AA” batteries, 2 GB SD card, and operator’s manual. Pressure sensors sold separately.

**Ordering Examples:** HHP9303, handheld pressure data logger, HHP100-2, 0 to 2 bar (0 to 29 psi) pressure sensor.

HHP9303, handheld pressure data logger, HHP100-200, 0 to 200 bar (0 to 2900 psi) pressure sensor, and SC-SD, soft carrying case.