

Digital Pressure Meters

DPM-1100



\$495

- -13.50 TO 100.00 PSI RANGE
- 0.5% FS ACCURACY
- PRESSURE SCALES INCLUDE PSI, inH₂O, cmH₂O, AND mmHG
- DIGITAL CALIBRATION – NO POTS TO TURN
- 5 DIGIT LCD PLUS SCALE INDICATION
- BATTERY LIFE DISPLAY (0 to 100%)
- PROGRAMMABLE DIGITAL FILTER
- LCD CONTRAST IS SOFTWARE ADJUSTABLE
- 16 BIT PRESSURE MEASUREMENT
- DIGITAL ZERO ADJUST

DPM-1200

Includes all the features of the DPM-1100 and:



\$595

- MAX and MIN PRESSURE VALUE STORAGE
- RS232 SERIAL COMMUNICATIONS

DPM-1300

Includes all the features of the DPM-1100 and:

- MAX and MIN PRESSURE VALUE STORAGE
- RS232 SERIAL COMMUNICATIONS
- YSI 700 TEMPERATURE PROBE INTERFACE
- 0.0-100.0 C / 32.0-212.0 F TEMPERATURE RANGE
- 0.5% FS ACCURACY
- MAX and MIN TEMPERATURE VALUE STORAGE



\$695

PROCON from JPC CONTROLS
www.jpcccontrols.com

HIGH QUALITY METERS

SPECIFICATIONS

PRESSURE RANGE¹	-13.50 to 100.00 PSI -374 to 2771 inH ₂ O @ 20C -950 to 7037 cmH ₂ O @ 20C -698 to 5171 mmHg @ 20C
PRESSURE RESOLUTION	0.01 PSI 1 inH ₂ O 1 cmH ₂ O 1 mmHg
PRESSURE ACCURACY	+/- 0.5% FS
TEMPERATURE RANGE (DPM-1300 MODELS ONLY)	0.0 to 100.0 °C 32.0 to 212.0 °F
TEMPERATURE RESOLUTION	0.1 °C 0.1 °F
TEMPERATURE ACCURACY	+/- 0.5% FS
DISPLAY	Six, 0.35 Inch High, Seven Segment, LCD Uniplanar digits.
SETUP MEMORY	EEPROM, All Parameters
MEMORY RETENTION	10 Years w/o Power
OPERATING RANGE	0 to 50 Degrees C
STORAGE RANGE	-40 to 60 Degrees C
CONSTRUCTION	Enclosure - ABS Plastic Face - Lexan, Back Printed
SIZE	7.09 x 3.94 x 1.56 inches 180 x 100 x 40 mm (HxWxD)
WEIGHT	< 1 lbs. (0.45 kg)
CONNECTIONS	Power - 2.5mm Center Negative RS-232 - 1/8 inch phono Pressure - Male Luer Temperature - 1/4 inch phono
TEMPERATURE SENSOR²	Directly compatible with all YSI Series 700 Temperature Probes or equivalent
PRESSURE MEDIA	Any pure fluid or gas that is compatible with Pyrex, Glass, Silicon, Alumina Ceramic, Epoxy, RTV, gold, aluminum, and nickel.
POWER	LINE: 9VDC, Center Negative BATTERY: 9V Alkaline
POWER CONSUMPTION	ON: less than 6mA OFF: less than 20µA
BATTERY LIFE	CONTINUOUS: 80 hrs. OFF: 12 months

- 1 Models also available in other ranges, configurations (Absolute, Barometric, etc.) and scales.
2 Models also available with other temperature sensors (Series 400, RTD, T/C, etc.).

OPTIONS

DPM1000PU	120 VAC POWER ADAPTER, U.S.
DPM1000PE	220 VAC POWER ADAPTER, EUROPE
DPM1000C	RS-232 CABLE
DPM1000HC	HARD CARRYING CASE

LS-JDPM-1000-01



102 COMPASS POINT DRIVE, SUITE D • ST. CHARLES, MO 63301
(636) 946-3300 • FAX (636) 724-2482