### Basic Features - DPM-2000 Series

- Pressure Ranges:
  - 13.50 to 100.00 PSI
  - 698 to 5171 mmHg
  - 950 to 7037 cm H<sub>2</sub>O
  - 374 to 2771 inches H<sub>2</sub>O
- ♦ 0.1% FS Pressure Accuracy
- 5 Digit LCD Display
- Programmable Digital Filter
- Digital Calibration & Zero Adjust
- Male Luer Connector
- ♦ Small self contained package (7" x 4" x 1.5")
- **♦** Battery Life Display (0 to 100%)

### Features - DPM-2001PLUS

- Has all of the features of the DPM-2001, PLUS:
  - Min/Max Pressure Value Capture
  - RS232 Serial Communications

#### Features - DPM-2100

- Has all of the features of the DPM-2001, PLUS:
  - YSI 700 Temp Probe Interface
  - +32.0° to +212.0°F Temp Range
  - 0.5% FS Temp Accuracy
  - Min/Max Temp Value Capture
  - Min/Max Pressure Value Capture
  - RS232 Serial Communications

**BC** Group International, Inc.

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# DIGITAL PRESSURE METERS

BC Biomedical DPM-2000 Series



This microprocessor based series of meters offers not only positive & negative pressure sensing of compatible liquids & gases, but also has models that offer Temperature & RS232.

All of the BC Biomedical DPM-2000 models measure positive and negative pressure, and are compatible with both liquid and gases. The DPM-2001 is the base model. The DPM-2001 PLUS adds a "Min/Max" feature plus an RS-232 port. The top-of-the-line DPM-2100 is a pressure/temperature meter. It has all the features of the PLUS model and also includes a YSI 700 temperature probe interface.

Each model has a battery life display (0 to 100%), LCD contrast is software adjustable, digital calibration-no pots to turn, .1% of full scale accuracy, -13.50 to 100.00 PSI range, digital zero adjust, and four pressure scales: PSI, inH<sub>2</sub>O, cmH<sub>2</sub>O and mmHG.



## BC BIOMEDICAL DPM-2000 SERIES

## **SPECIFICATIONS**

**Pressure Ranges** 

 $\begin{array}{lll} PSI & -13.50 \text{ to } 100.00 \\ mmHg & -698 \text{ to } 5171 \\ cm H_2O & -950 \text{ to } 7037 \\ inches H_2O & -374 \text{ to } 2771 \\ Pressure Accuracy & .1% F.S. \end{array}$ 

**Temperature Range** 

Temp Range 0.0° to 100.0° C (DPM-2100 Only)
Temp Accuracy .5% FS (DPM-2100 Only)

**Electrical** 

Power 9V Alkaline Battery Battery Life (Cont. Hrs.) 90 (DPM-2100 is 80)

AC Adapter Yes

Mechanical

Pressure Connector Male Luer

Temp Connector YSI-700 1/4" Phone (DPM-2100 Only)

Size 7" x 4" x 1.5"
Weight 0.8 lbs
Max Pressure 120 PSI

**Other Specs** 

Display LCD, 5 Characters, .35" High Enclosure ABS Plastic, with Built-In Stand

Min/Max Capture Yes (DPM-2001 PLUS & DPM-2100 Only)
RS232 Yes (DPM-2001 PLUS & DPM-2100 Only)

DC Output No

## **DPM-2000 MODEL SUMMARY**

BC Model Description
DPM-2001 Basic Unit

DPM-2001PLUS Basic Unit + Capture & RS232

DPM-2100 Basic Unit + Capture, RS232 & Temp

**Optional Accessories** 

BC20-21100 120V Battery Eliminator (U.S.)
BC20-21101 220V Battery Eliminator (European)
BC20-21102 RS232 Communications Cable

BC20-30106 Soft Carrying Case

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