

## Basic Features - DPM-2000 Series

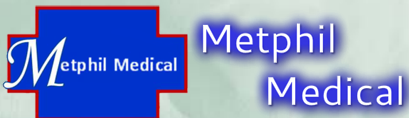
- ◆ Pressure Ranges:
  - 13.50 to 100.00 PSI
  - 698 to 5171 mmHg
  - 950 to 7037 cm H<sub>2</sub>O
  - 374 to 2771 inches H<sub>2</sub>O
- ◆ 0.1% FS Pressure Accuracy
- ◆ 5 Digit LCD Display
- ◆ Programmable Digital Filter
- ◆ Digital Calibration & Zero Adjust
- ◆ Male Luer Connector
- ◆ Small self 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



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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

<b>Pressure Ranges</b>	
PSI	-13.50 to 100.00
mmHg	-698 to 5171
cm H <sub>2</sub> O	-950 to 7037
inches H <sub>2</sub> O	-374 to 2771
Pressure Accuracy	.1% F.S.

<b>Temperature Range</b>	
Temp Range	0.0° to 100.0° C (DPM-2100 Only)
Temp Accuracy	.5% FS (DPM-2100 Only)

<b>Electrical</b>	
Power	9V Alkaline Battery
Battery Life (Cont. Hrs.)	90 (DPM-2100 is 80)
AC Adapter	Yes

<b>Mechanical</b>	
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

<b>Other Specs</b>	
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

<b>BC Model</b>	<b>Description</b>
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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