

# 10-CHANNEL PORTABLE STRAIN GAGE MONITORING SYSTEM



DMD-22  
\$4730

DMD-22, \$4730, shown smaller than actual size.



- ✓ Reads Directly in Microstrain and Engineering Units
- ✓ Independent Zeroing on Each Channel
- ✓ High Accuracy and Resolution

The DMD-22 is a portable, 10-channel strain gage system that combines the powerful features of the DMD-21 and DMD-21SB. Independent zeroing on each channel eliminates subtracting unstrained readings to arrive at true strained results. Pushbutton front keys and clearly labeled switches ensure accurate strain gage measurements.

Selectable bridge configuration via internal fixed resistors eliminates complex and time-consuming external bridge completion. Readings in microstrain take the mystery out of transposing millivolt readings to strain readings.

## SPECIFICATIONS

**Linearity:** 0.02% FS  
**Range:**  $\pm 19.999 \mu\epsilon$   
**Zero Balance:** 50% FS  
**Resolution:**  $1 \mu\epsilon$   
**Excitation:** 2, 5 or 10 Vdc  
**Bridge Type:**  $\frac{1}{4}$ , 120 and 350  $\Omega$ ;  $\frac{1}{2}$  and full,  $>120 \Omega$  (internal bridge completion resistors)

**Gage Factor:** 1 to 2.99  
**Operating Temp:** 5 to 35°C (41 to 95°F)  
**Thermal Effects:** Zero,  $0.5 \mu\epsilon/^\circ\text{C}$  ( $0.3 \mu\epsilon/^\circ\text{F}$ ) span,  $0.0005\%$  rdg/ $^\circ\text{C}$  ( $0.003\%$  rdg/ $^\circ\text{F}$ )  
**Analog Output:**  $\pm 2$  Vdc (over  $\pm 20,000 \mu\epsilon$ , DC to 20 kHz)  
**Input Impedance:** 1000 M $\Omega$   
**Power:** 115 or 230 Vac @ 50/60 Hz; lead-acid rechargeable batteries (included), 8 hours  
**Dimensions:** 419 W x 152 H x 356 mm D (16.5 x 6 x 14")  
**Connections:** Rear screw terminals  
**Weight:** 7 kg (15.5 lb)

**MOST POPULAR MODEL HIGHLIGHTED!**

## To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
DMD-22	\$4730	Portable 10-channel strain gage monitor

Comes with operator's manual.

Ordering Example: DMD-22, portable, 10-channel strain gage monitor, \$4730.

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