

## International Instruments Edgewise Panel Meters

### 3 1/2" and 6" Switchboard Meters

- Accuracy:  $\pm 1.5\%$  (1151/1251)
- Single (1146/1151) or Dual Indicators (1246/1251)
- Rugged Construction
- Flush Stacking
- EMI Shielded
- Illumination Available

### Single/Dual Models

#### 1151/1251 and 1146/1246

These meters were initially developed to meet the demanding specifications of the Atomic Energy Commission with respect to seismic qualifications, long-life and high accuracy. The resulting product line is the most rugged and reliable available. Models 1146 and 1246 are 3 1/2 inch meters, 1151 and 1251 6-inch models, both series of instruments manufactured of modern black plastic with a design compatibility that makes them perfectly suited for use together on the same panel board. Windows are tough clear Lexan®.


**1151** ▲

**1251** ▲

### ORDERING INFORMATION

To Order—Insert Number Code for Each Letter to Select Catalog Number.

Order Example: 1151-V-B-ACA 0-5/0-300

1251-V-B-ACV 0-150/0-600/B-ACA 0-5/0-400

Single A-B-C-D

Dual A-B-C-D-C-D-C-D

A  -  B  -  C  -  D

A	Model				
	1151	6" Single			
	1251	6" Dual			
	1146	3 1/2" Single			
	1246	3 1/2" Dual			
B	Orientation				
	H	Horizontal			
	V	Vertical			
C	Zero Position				
		Horizontal		Vertical	
		L	Left	T	Top
		C	Center	C	Center
		R	Right	B	Bottom
D	Standard Ranges, All Models				
	AC Volts		AC Amperes		
	0-10, 15, 25, 50, 150, 300, 500		0-5		
	DC Volts		DC Microamperes		
	0-5, 10, 15, 25, 30, 50, 100, 150, 200, 300, 500		0-1, 2, 3, 4, 5, 10, 20, 50, 100, 200, 500, 4-20, 10-50		
	DC Amperes		DC Milliamperes		
	0-1, 2, 5, 10, 15, 25, 50, 100*, 200*		0-1, 2, 3, 4, 5, 10, 20, 50, 100, 200, 500, 4-20, 10-50		

\*=50mV shunt rated

### SPECIFICATIONS

	1146/1246	1151/1251
Accuracy (% of FS)	DC:2 AC:3	DC:1.5 AC:2.5
Repeatability	In Accordance with ANSI C39.1	
Overload	In Accordance with ANSI C39.1	
Response Time (sec. max.)	3.0	2.5
Dielectric Strength (VRMS 60 Hz/1 min)	2600	
Overshoot (max)	40%	20%
Terminals (variations available)	Threaded stud (10-32)	Threaded stud (1/4-28)
Scale length-inches (mm)	2.7(68.6)	4.5(114.3)
Zero adjustment	Yes	Yes
Pointer (other colors available)	Red Delta	
Weight (oz)	1146.8/1246:10	1151:25/1251:30

### OPTIONS

Factory Scaling—Custom Scaling (Specify)
Factory Ranging
Illumination—1151 & 1251 Only
Adjustable Potentiometer—Voltmeters Only
Zero Center
Colored Bands—Price Per Color

Also available: 1 1/2", 2 1/2" & 3 1/2" Edgewise Meters