

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/E

Dual A-B-C-D/E-C-D/E

A - B - C - D / E

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 V		ACA	ACmA
	0-10, 0-15, 0-25, 0-50, 0-150, 0-300, 0-500		0-5	0-10, 0-100, 0-500
	DCV	DCA	DCuA	DCmA
	0-1, 0-5, 0-10, 0-15, 0-20, 0-25, 0-30, 0-50, 0-100, 0-150, 0-200, 0-300, 0-500	0-1, 0-2, 0-5, 0-10, 0-15, 0-25, 0-50, 0-100*, 0-200*	0-100, 0-200, 0-300, 0-400, 0-500	0-1, 0-2, 0-3, 0-4, 0-5, 0-10, 0-20, 0-50, 0-100, 0-200, 0-500, 4-20, 10-50
E	Scale			
	List scale values if different from Range			

*=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