


Rectangular Style Analog Panel Meters

- UL Recognized - File # E91015 Except for the Wattmeters & Frequency Meters
- Plastic case with Glass Window
- Calibration not affected when mounted on steel
- Three popular sizes: 2-1/2", 3-1/2", 4-1/2"



For Specifications and Dimensions see the last pages

Ordering Information

Frequency, Self-Shielding Movement		Not 		
Range	Voltage	Model / Size and Catalog Number		
		2-1/2" Model 187	3-1/2" Model 87	4-1/2" Model 89
45-55 Hz	120V	35136	35142	35148
55-65 Hz	120V	35138	35144	35150
380-420 Hz	120V	35140	35146	35152
45-55 Hz	240V	35137	35143	35149
55-65 Hz	240V	35139	35145	35151
380-420 Hz	240V	35141	35147	35153

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Frequency Meter Specifications	
Accuracy	45-55 Hz ± 0.3 Hz (120V-240V)
	55-65 Hz ± 0.3 Hz (120V-240V)
	380-420 Hz ± 1.2 Hz (120V-240V)
Movement	Small core magnet, self-shielding
Suspension	Pivot and jewel
Shielding	Calibration is unaffected by magnetic panel mounting
Center Scale Value	50/60/400 Hz
Power Consumption	1.6 VA
Warm-up Time	5 minutes
Max. Input: Voltage (10 sec)	150, 120V normal
	280, 240V normal
Dial	Sharp clear scale. Each dial arc is calibrated to track the specific type of movement used
Case	High density black plastic
Operating Temperature	-4°F to + 149°F (-20°C to + 65°C)
Pointer	Spade pointer with black, matte finish
Scale Length	Model 187: 1.8" (45.7mm)
	Model 89: 3.5" (89.0mm)
	Model 87: 3.9" (99.0mm)
Net Weight	Model 187: 5 oz. (0.14 kg)
	Model 87: 8 oz. (0.23 kg)
	Model 89: 11 oz. (0.31 kg)