



Century Style Analog Panel Meters



- Glass window for optimum viewing
- Rugged black plastic case
- Black knife-edge pointer for precision reading

Frequency Meter Specifications

Accuracy	45-55Hz ± 0.3 Hz (120V-240V) 55-65Hz ± 0.3 Hz (120V-240V) 380-420Hz ± 1.2 Hz (120V-240V)
Movement	Small core magnet, self-shielding
Suspension	Pivot and jewel
Tracking	$\pm 3\%$
Shielding	Calibration is unaffected by magnetic panel mounting.
Center Scale Value	50/60/400Hz
Power Consumption	1.6VA
Max. Input Voltage (10 sec)	150, 120V normal 280, 240V normal
Dial	Each dial arc is calibrated to track the specific type of movement used.
Operating Temperature	-4°F to +149°F (-20°C to +65°C)
Case	High density black plastic
Pointer	Knife-edge, with black matte finish
Scale Length	Model 2182: 1.88" (47.2mm) Model 2183: 2.48" (63.0mm) Model 2184: 3.68" (93.5mm)
Net Weight	Model 2182: 5oz (0.14kg) Model 2183: 6oz (0.17kg) Model 2184: 9oz (0.26kg)
Warm-up Time	5 minutes

Watt Meter Specifications

Accuracy	$\pm 2\%$ F.S.; Compensated Meters: $\pm 3\%$ F.S.
Movement	Dynamometer
Suspension	Pivot and jewel
Tracking	$\pm 3\%$
Shielding	Calibration is unaffected by magnetic panel mounting.
Response Time	1.5 seconds maximum
Overload (1 sec.)	10 times F.S.
Overload (Continuous)	1.5 times F.S.
Repeatability	2%
Dial	Each dial arc is calibrated to track the specific type of movement used. $\pm 15\%$ of meter impedance
Resistance	-4°F to +149°F (-20°C to +65°C)
Operating Temperature	High density black plastic
Case	Knife-edge, with black matte finish
Pointer	Model 2173: 2.48" (63.0mm)
Scale Length	Model 2174: 3.68" (93.5mm) Model 2173: 9oz (0.26kg) Model 2174: 13oz (0.37kg)
Net Weight	

Specifications for other meters

Accuracy	$\pm 2\%$ F.S. Iron Vane, $\pm 3\%$ F.S. Rectified
Movement	Models 2152, 2153, 2154: Iron-vane, magnetically damped. 2121 and 2121T: small core magnet, all others Annular, self-shielding
Suspension	Pivot and jewel except for "T" models which have taut band movement
Tracking	$\pm 3\%$
Shielding	Calibration is unaffected by magnetic panel mounting.
Response Time	1.5 seconds maximum
Overload (1 sec.)	10 times F.S.
Overload (Continuous)	1.5 times F.S.
Repeatability	2% pivot and jewel, 0.5% taut band
Dial	Each dial arc is calibrated to track the specific type of movement used. $\pm 15\%$ of meter impedance
Resistance:	-4°F to +149°F (-20°C to +65°C)
Operating Temperature	High density black plastic
Case	Knife-edge, with black matte finish
Pointer	Model 2121 & 2121T: 1.25" (31.7mm)
Scale Length	Model 2152: 1.86" (47.2mm) Model 2122, 2122T, 2142: 2.07" (52.7mm) Model 2153: 2.48" (63.0mm) Model 2123, 2123T, 2143: 2.75" (69.8mm) Model 2154: 3.68" (93.5mm) Model 2124, 2124T, 2144: 4.09" (103.9mm)
Net Weight	Model 2121 & 2121T: 2oz (0.06kg) Model 2152: 5oz (0.14kg) Model 2153: 6oz (0.17kg) Model 2122, 2122T, 2142: 7oz (0.20kg) Model 2123, 2123T, 2143: 8oz (0.23kg) Model 2154: 9oz (0.26kg) Model 2124, 2124T, 2144: 11oz (0.31kg)