



## Meteor Series

**Models:** 204 (2 1/2"), 304 (3 1/2")  
504 (4 1/2"), 604 (5 1/2")

- ▲ UL Recognition
- ▲ Taut Band Mechanism standard
- ▲ Thermoplastic Case and Window
- ▲ Three choices of mounting: lens, surface or bezel
- ▲ Proven reliability - accurate measurement & display
- ▲ Wide selection of Ranges
- ▲ Customized Scales available

The Meteor Series features a taut band suspension which provides friction-free measurements for the ultimate in accuracy while allowing the meter to respond to extremely small signals. Taut band meters also offer increased resistance to shock and vibration.



## 7000 Series

**Models:** 7025 (2 1/2"), 7035 (3 1/2")  
7045 (4 1/2"), 7055 (5 1/2")

- ▲ UL Recognition
- ▲ Removable Scales
- ▲ Taut Band Mechanism standard
- ▲ Phenolic Fronts
- ▲ Glass Windows
- ▲ Three choices of mounting: lens, surface or bezel
- ▲ Proven reliability - accurate measurement & display
- ▲ Wide selection of Ranges
- ▲ Optional illumination
- ▲ Customized Scales available

The 7000 Series meters provide quick-change versatility. Many different variables can be measured on one meter by simply switching the meter's scale and using a different multiplier or shunt compatible with the new scale. A few basic ranges and a supply of interchangeable dials make the 7000 Series an inexpensive equivalent of many single meters.

### Meteor Series & 7000 Series Specifications

Specifications (Taut Band)	DC Ranges		AC Ranges (Rectifier Type)		Pyrometer	
	Current	Voltage	Current	Voltage		
Accuracy	±2%	±2%	±3%	±3%	±2%	
Tracking	1%	1%	None	None	None	
Balance	±1%	±1%	±1%	±1%	±1%	
Repeatability	Taut band Mechanism	< 1/4%	< 1/4%	< 1/4%	< 1/4%	
Resistance Tolerance		±20%	±5%		< 10V ±20% ≥ 10V ±5%	
Overload Capacity	1 Second	1000%	≤ 100V 1000% > 100V 200%	150%	150%	N/A
	Continuous	150%	120%	150%	120%	N/A
Calibration Frequency		N/A	N/A	60 Hz	60 Hz	N/A
Overshoot (maximum)		20%	20%	20%	20%	N/A
Response Time (maximum)	Sensitivity ≥50µa	1.5 sec	1.5 sec	1.5 sec	1.5 sec	N/A
	Sensitivity <50µa	3 sec	3 sec	3 sec	3 sec	N/A

Effects of shock, vibration, humidity and temperature are equal to or better than ANSI C39.1-1981.  
Safety (dielectric test, leakage and other hazards): instruments are equal to or better than ANSI C39.5-1974.  
The above tolerance limits apply to the standard ranges listed in this bulletin. Special instruments may vary from these limits.  
Rated circuit to ground voltage = 800 Vrms (1100 Peak).



### Meteor Series Dimensions

Model	Height	Width	Depth*
204 (2 1/2")	2.295	3.015	1.905
304 (3 1/2")	2.905	3.735	1.905
504 (4 1/2")	4.065	5.185	1.905
604 (5 1/2")	4.605	5.975	1.905

### 7000 Series Dimensions

Model	Height	Width	Depth*
7025 (2 1/2")	2.41	2.81	2.065
7035 (3 1/2")	3.04	3.50	2.045
7045 (4 1/2")	4.09	4.64	2.045
7055 (5 1/2")	4.53	5.66	2.045

Dimensions are in inches.

\* Depth = front of panel to end of terminals.

See price sheet for part numbers.

Contact Factory for more information & dimensional drawings.

1 Note: 0-5µADC not available on Model 204.

### DC Ranges

DC Microamperes	5 to 1000 <sup>1</sup>
DC Milliamperes	1 to 1000
DC Amperes	1 to 30
DC Millivolts	5 to 1000
DC Volts	1 to 500

### Process Ranges

DC Milliamperes	1-5 4-20 10-50
DC Volts	1-5, 0-10

### AC Ranges (Rectifier Type)

AC Microamperes	100 to 1000
AC Milliamperes	1 to 1000
AC Amperes	1 to 50
AC Millivolts	250 & 500
AC Volts	1 to 500

### Thermocouple Pyrometers

Contact Factory

### VU Meters

Contact Factory