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Meteor Series & 7000 Series.





Meteor Series

Models: 204 (2½"), **304** (3½")
504 (4½"), **604** (5½")

- 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 (2½"), **7035** (3½")
7045 (4½"), **7055** (5½")

- 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%	< 1/4%
Resistance Tolerance		±20%	±5%	———	< 10V ±20% ≥ 10V ±5%	N/A
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).

Made in the USA

DC Ranges

DC Microamperes	5 to 1000 [1]
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

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.

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