

**183 SPECIFICATIONS**

DC Volts	Maximum Input: 1000V Maximum Resolution: 0.1mV Accuracy: +/- 0.3%
AC Volts	Maximum Input: 750V Maximum Resolution: 0.001V Accuracy: +/- 0.75%
DC Amps	Maximum Input: 10A Maximum Resolution: 0.1 μ A Accuracy: +/-0.5%
AC Amps	Maximum Input: 10A Maximum Resolution: 0.1 μ A Accuracy: +/-0.75%
Resistance (Ohms)	Maximum Input: 40M Ω Maximum Resolution: 0.1 Ω Accuracy: +/-0.5%
Frequency	Maximum Input: 200KHz Maximum Resolution: 0.01Hz Accuracy: +/- 0.05%
Capacitance	Maximum Input: 10000 μ F Maximum Resolution: 0.01 μ F Accuracy: +/- 2%
Inductance	N/A
Temperature (K-Type Thermocouple)	N/A
Continuity	Audible at less than 100 Ω
Diode	3V at 2.5mA maximum output
Duty Cycle	N/A
True RMS Responding	Yes
Conductance	No
Pulse Width	No
Data Hold	Yes, 2 hold system
Min/Max Record	Yes
Time Stamp Logging	No
Relative Mode	Yes
Compare Mode	Yes

RS-232 Output	Yes
Process Loop Output	No
Sleep Mode / Auto Off	Yes
Protective Boot	Yes (standard)
Display Type	4,000 count backlit LCD with dual sub displays and analog bargraph
Range Selection	Auto / Manual
Operating Temperature	32°F to 113°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	80% non-condensing
Size	7.4" x 3.4" x 1.2" (187mm x 86mm x 33mm) with boot
Weight	14.4oz (380g) with boot
Battery Type	9V Alkaline (NEDA 1604)
Battery Life	100hrs Typical
Overvoltage Category	CAT III 600V
Agency Approval	cULus 61010-1, IEC 61010-1
Warranty	3 Years