

**194 SPECIFICATIONS**

DC Volts	Maximum Input: 1000V Maximum Resolution: 0.001mV Accuracy: +/-0.05%
AC Volts	Maximum Input: 1000V Maximum Resolution: 100 $\mu$ V Accuracy: +/-0.4%
DC Amps	Maximum Input: 10A Maximum Resolution: 0.01 $\mu$ A Accuracy: +/-0.15%
AC Amps	Maximum Input: 10A Maximum Resolution: 0.01 $\mu$ A Accuracy: +/-0.75%
Resistance (Ohms)	Maximum Input: 50M $\Omega$ Maximum Resolution: 1m $\Omega$ Accuracy: +/-0.05%
Frequency	Maximum Input: 5MHz Maximum Resolution: 0.001Hz Accuracy: +/-0.05%
Capacitance	Maximum Input: 20mF Maximum Resolution: 0.01nF Accuracy: +/-2%
Inductance	Maximum Input: 300mH Maximum Resolution: 0.01mH Accuracy: +/-5%
Temperature (K-Type Thermocouple)	Maximum Input: -54 $^{\circ}$ F to 2462 $^{\circ}$ F (-50 $^{\circ}$ C to 1350 $^{\circ}$ C) Maximum Resolution: 0.1 $^{\circ}$ F / $^{\circ}$ C Accuracy: +/-2%
Continuity	Audible at less than 10 $\Omega$
Diode	3V at 1mA maximum output
Duty Cycle	Maximum Input: 99.9% Maximum Resolution: 0.1%
True RMS Responding	Yes
Conductance	Yes
Pulse Width	Yes
Data Hold	Yes (Two hold system)

Min/Max Record	Yes
Time Stamp Logging	Yes
Relative Mode	Yes
Compare Mode	Yes
RS-232 Output	Yes, Optically Isolated
Process Loop Output	No
Sleep Mode / Auto Off	Yes
Protective Boot	Yes (standard)
Display Type	50,000 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	8.3" x 3.7" x 1.9" (210mm x 95mm x 47mm) without boot 8.7" x 4.3" x 2.6 (220mm x 110mm x 65mm) with boot
Weight	1.3lbs (570g) without boot 1.9lbs (850g) with boot
Battery Type	9V Alkaline (NEDA 1604)
Battery Life	50hrs Typical
Overvoltage Category	CAT IV 600V
Agency Approval	cULus 61010-1, IEC 61010-1
Warranty	Limited Lifetime