

# TM-88 Digital Multimeter



CAT IV 600V  
 LCD Backlit Display, with maximum reading of 3999.  
 Analog Bargraph Display  
 True Rms.  
 AC voltage range: 0 to 1000V.  
 DC voltage range: 0 to 1000V.  
 AC Current range: 0.1µA to 10A.  
 DC Current range: 0.1µA to 10A.  
 Auto power off (15 minutes).  
 Min/Max.  
 ACV, DCV, ACA, DCA, Resistance, Diode, Frequency, Capacitance, Duty Cycle, Continuity, Temperature, Range Hold, Data Hold, REL.  
 Accessories.

<b>Overvoltage Category</b>	CAT IV 600V, CAT III 1000V
<b>True Rms</b>	Yes
<b>LCD Display</b>	3999 counts
<b>Sampling Rate</b>	2.5 times/second
<b>Backlit</b>	Yes
<b>Bargraph</b>	Yes
<b>Auto Power Off</b>	Yes
<b>DC Voltage</b>	0.1mV to 1000V $\pm(0.5\%$ of rdg + 2 dgts)
<b>AC Voltage</b>	0.001V to 1000V $\pm(1.3\%$ of rdg + 5 dgt)
<b>DC Current</b>	0.1µA to 10A $\pm(1.0\%$ of rdg + 3 dgt)
<b>AC Current</b>	0.1µA to 10A $\pm(1.5\%$ of rdg + 5 dgt)
<b>Resistance/Accuracy</b>	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ; $\pm(1.0\%$ of rdg + 2 dgt)
<b>Protection</b>	1000Vrms
<b>Continuity Buzzer</b>	Yes
<b>Diode Test</b>	Test voltage 1.5 volts
<b>Frequency</b>	1.0Hz to 100KHz
<b>Capacitance/Accuracy</b>	4nF, 40nF, 400nF, 4µF, 40µF, 400µF, 4mF, 40mF, $\pm(1.0\%$ of rdg + 5 dgt)
<b>Temperature</b>	-40°C to 800°C (-40°F to 1382°F)
<b>Range Hold</b>	Yes
<b>Data Hold</b>	Yes
<b>Min/Max</b>	Yes
<b>Peak Hold</b>	Yes
<b>REL (Zero)</b>	Yes
<b>Accessories</b>	Carrying case, Test Leads, Operating Manual, Battery, (Optional Temperature Adapter)