



# **Model 177**Digital Multimeter

With the Automatic Touch Hold® function, the Model 177 automatically captures a measurement, beeps and locks it in the display until you are ready to view it. The high-resolution, 6000 count digital display includes a 33-segment bar graph that reacts 10 times faster than the numerical display. The fast autorange feature automatically selects the range with the greatest accuracy and resolution and Range Hold locks in specified ranges. Polarity selection is automatic. Sleep Mode powers down the display for battery saving and all inputs are protected. An audible tone indicates continuity and diode polarity. Includes a pair of safetydesigned right angle test leads, operator's manual and 9 V battery

### **Specifications**

Accuracy:	(% of reading + no. of
	digits)
DC Volts:	0.09% + 2 digits
AC Volts:	1.0% + 3 digits
Ohms:	0.9% + 1 digit
DC Current:	1.0% + 3 digits
AC Current:	1.5% + 3 digits
Frequency:	0.1% + 1 digit
Capacitance:	1.2% + 2 digits
Battery life:	300 hrs, typical
Size/Weight:	43 x 90 x 185 mm, 420 g



## **Model 87** series V Digital Multimeter

Designed for electronic as well as industrial applications, the Model 87 is a versatile analog/digital multimeter featuring an impressive range of capabilities, including true rms, frequency of 0.5 Hz to 200 kHz, duty cycle from 0.0% to 99.9%, capacitance from 10 pF to 9,999 µF and temperature reading. Min-Max Average recording mode stores highest, lowest and average of all readings. Input Alert detects wrong input jack connections, and Auto Hold automatically captures the measurements. The backlit display offers 41/2 digits, 19,999 count high resolution mode, and 1 ms Peak Hold. It comes with a yellow protective holster, Flex-Stand, test leads, 9 V battery and manual.

### **Specifications**

Accuracy:	(% of reading + no. of digits)
DC Volts:	0.05% + 1 digit 0.7% + 2 digits 0.2% + 1 digit
AC Current: Frequency:	1% + 2 digits
Capacitance: Temperature:	1% + 2 digits true rms
•	31 x 86 x 186 mm, 355



### Model 289 Digital Multimeter

The Model 289 is a microcomputer based DMM, replacing Model 189 as the next generation high performance multimeter, with ability to log data and review it graphically on the screen while retaining the precise measurement capabilities. The large multi line 1/4 VGA dot matrix display with white backlight, wide bandwidth and exceptional accuracy makes the Model 289 a superior measuring tool. True-rms measurements yield accurate results on non-linear signals. Low battery and overload are indicated on display. The meter comes with TL71 silicone test leads, two AC72 alligator clips, 6 AA batteries and operator's manual.

#### **Specifications**

Accuracy:	(% of reading)
DC Volts:	0.025%
AC Volts:	0.4%
Ohms:	0.05%
DC Current:	0.15%
AC Current:	0.75%
Frequency:	0.005% + 1 digit
Capacitance:	1% + 5 digits
Battery life:	100 hours
Size:	10.2 cm x 22.2 x 6 cm
Weight:	871 g (28 oz)

