

DIGITAL MULTIMETERS



Model M-1700

Features

- 3 1/2 digit, 2,000 count display
- Frequency to 20MHz
- Capacitance to 20 μ F
- Diode and transistor test
- Audible continuity
- AC/DC current to 10A
- 3-way overload protection
- Low cost
- Holster included

Specifications

AC + DC volts	200mV, 2V, 20V, 200V, 600V	
Accuracy	DC: $\pm(0.5\% \text{ rdg} + 1\text{dgt})$; AC: $\pm(1\% \text{ rdg} + 4\text{dpts})$	Resolution 100 μ V
AC + DC current	2mA, 20mA, 200mA, 10A	
Accuracy	DC: mA: $\pm(1.0\% \text{ rdg} + 1 \text{dgt})$, 10A: $\pm(3.0\% \text{ rdg} + 1 \text{dgt})$ AC: mA: $\pm(2.0\% \text{ rdg} + 4 \text{dpts})$, 10A: $\pm(3.5\% \text{ rdg} + 4 \text{dpts})$	Res. 100 μ A
Resistance	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω	
Accuracy	200 Ω : $\pm(0.8\% \text{ rdg} + 3\text{dpts})$, 2k Ω -2M Ω : $\pm(0.8\% \text{ rdg} + 1\text{dgt})$, 20M Ω : $\pm(3.0\% \text{ rdg} + 3 \text{dpts})$	Resolution 0.1 Ω
Capacitance	2nF, 20nF, 200nF, 2 μ F, 20 μ F	
Accuracy	$\pm(2.0\% \text{ rdg} + 10 \text{dpts})$	Resolution 1pF
Frequency	10Hz - 20MHz autoranging	
Accuracy	$\pm(0.1\% \text{ rdg} + 1 \text{dgt})$ (10Hz - 15MHz)	Resolution 1Hz
Accessories	Test leads, manual, 9V battery included	
Options	C-90 Case, C-17 Holster	
Dimensions / weight	6" (H) x 2 1/2" (W) x 1 1/4" (D) / 7.4 oz.	



Model M-2795

Features

- 3 3/4 digit, 4,000 count display
- Audible continuity test
- Data hold / rel. value
- Frequency to 15MHz
- Capacitance to 200 μ F
- Transistor / diode / logic test
- AC/DC current to 10A
- Auto power off
- Holster included

Specifications

AC volts	400mV, 4V, 40V, 400V, 750V	
Accuracy	4V, 40V, 400V: $\pm(0.8\% + 3 \text{dpts})$ 400mV, 750V: $\pm(1.2\% + 3 \text{dpts})$	
DC volts	400mV, 4V, 40V, 400V, 1000V	
Accuracy	400mV, 4V, 40V, 400V: $\pm(0.5\% + 3 \text{dpts})$ 1000V: $\pm(0.8\% + 3 \text{dpts})$	
AC current	40 μ A, 400 μ A, 4000 μ A, 40mA, 400mA, 10A	
Accuracy	40 μ A, 400 μ A, 4000 μ A: $\pm(1.5\% + 5 \text{dpts})$ 40mA, 400mA: $\pm(2\% + 5 \text{dpts})$ 10A: $\pm(2.5\% + 5 \text{dpts})$	
DC current	40 μ A, 400 μ A, 4000 μ A, 40mA, 400mA, 10A	
Accuracy	40 μ A, 400 μ A, 4000 μ A: $\pm(1.2\% + 3 \text{dpts})$ 40mA, 400mA: $\pm(1.5\% + 3 \text{dpts})$ 10A: $\pm(2\% + 5 \text{dpts})$	
Resistance	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω , 400M Ω	
Accuracy	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω : $\pm(1\% + 3 \text{dpts})$ 40M Ω : $\pm(2\% + 3 \text{dpts})$ 400M Ω : $\pm(3\% + 10 \text{dpts})$	
Capacitance	4nF, 40nF, 400nF, 4 μ F, 40 μ F, 200 μ F	
Accuracy	4nF: $\pm(5\% + 10 \text{dpts})$ 40nF: $\pm(3\% + 10 \text{dpts})$ 400nF, 4 μ F, 40 μ F: $\pm(2\% + 5 \text{dpts})$ 200 μ F: $\pm(4\% + 5 \text{dpts})$	
Frequency	10Hz - 15MHz	$\pm(0.1\% + 5)$
Sensitivity	Sine wave 0.6Vrms	
Accessories	Heavy-duty test leads, holster, manual, & 9V battery included	
Dimensions / weight	7 1/2" (H) x 3 1/2" (W) x 1 3/4" (D) (without holster) / 10.56 oz. (without holster)	

Bench Digital Multimeter

Model M-5500



Features

- Large 3 3/4 digit, 3999 count LCD backlighted display
- Auto / manual ranging
- Capacitance & frequency
- Data hold, min./max
- True rms. / relative display
- Storage data display recall
- 42 segment bargraph display
- Diode / continuity test
- AC or DC power source

Model M-5500-R - Includes RS-232C Interface.

Specifications

AC + DC volts	400mV (DC only), 4V, 40V, 400V, 1,000V, 750VAC (True rms)	
Accuracy	DC: $\pm(0.3\% \text{ rdg} + 2\text{dpts})$, 400mV: $\pm(0.3\% \text{ rdg} + 5\text{dpts})$ AC: $\pm(0.8\% \text{ rdg} + 5\text{dpts})$	Resolution 0.1mV (DC), 1mV (AC)
AC + DC current	4mA, 40mA, 400mA, 10A	
Accuracy	DC: $\pm(0.8\% \text{ rdg} + 5 \text{dpts})$, $\pm(1.5\% \text{ rdg} + 10 \text{dgt})$ (10A); AC: $\pm(1.5\% \text{ rdg} + 5 \text{dpts})$, 10A: $\pm(2.0\% \text{ rdg} + 10 \text{dgt})$	Resolution 1 μ A
Resistance	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω	
Accuracy	400 Ω : $\pm(0.5\% \text{ rdg} + 5 \text{dpts})$, 4k Ω - 400k Ω : $\pm(0.5\% \text{ rdg} + 3 \text{dpts})$, 4M Ω : $\pm(1.0\% \text{ rdg} + 5 \text{dpts})$, 40M Ω : $\pm(1.5\% \text{ rdg} + 10 \text{dpts})$	Resolution 0.1 Ω
Capacitance	4nF, 40nF, 400nF, 4 μ F, 40 μ F	
Accuracy	4nF: $\pm(2\% \text{ rdg} + 40 \text{dpts})$, 40nF - 40 μ F: $\pm(2\% \text{ rdg} + 5 \text{dpts})$	Resolution 1pF
Frequency	100Hz, 1kHz, 10kHz, 100kHz, 1MHz	
Accuracy	$\pm(0.1\% + 4 \text{dpts})$	Resolution 0.01Hz
Power	120VAC, DC (9V battery & 6 "AA" batteries, not included)	
Dimensions	3 1/4" (H) x 9 5/16" (W) x 9" (D)	
Weight	2 lbs. 11 oz.	

Model M-3900



Features

- 3 1/2 digit, 2,000 count display
- 20 μ A and 20A scales on AC and DC
- Transistor test
- Audible continuity test
- Diode test
- Case included
- Low cost

Specifications

AC + DC volts	200mV, 2V, 20V, 200V, 1,000V, 700VAC	
Accuracy	DC: $\pm(0.5\% \text{ rdg} + 1 \text{dgt})$; AC: 200mV, 700V: $\pm(1.2\% \text{ rdg} + 3 \text{dpts})$, 2V-200V: $\pm(0.8\% \text{ rdg} + 3 \text{dpts})$	Resolution 0.1mV
AC + DC current	20 μ A, 200 μ A, 2mA, 20mA, 200mA, 2A, 20A	
Accuracy	DC: 200 μ A-20mA: $\pm(0.5\% \text{ rdg} + 1 \text{dgt})$, 200mA, 2A: $\pm(1.2\% \text{ rdg} + 1 \text{dgt})$, 20 μ A, 20A: $\pm(2.0\% \text{ rdg} + 5 \text{dpts})$; AC: 200 μ A-20mA: $\pm(1.0\% \text{ rdg} + 3 \text{dpts})$, 200mA, 2A: $\pm(1.8\% \text{ rdg} + 3 \text{dpts})$, 20 μ A-20mA: $\pm(3.0\% \text{ rdg} + 7 \text{dpts})$	Resolution 0.1 μ A
Resistance	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω	
Accuracy	200 Ω : $\pm(0.8\% \text{ rdg} + 3 \text{dpts})$, 2k Ω -2M Ω : $\pm(0.8\% \text{ rdg} + 1 \text{dgt})$, 20M Ω : $\pm(1.0\% \text{ rdg} + 2 \text{dpts})$	Resolution 0.1 Ω
Accessories	Test leads, manual, and 9V battery included	
Options	ST-265 AC Clamp-on Current Adapter	
Dimensions / weight	7 5/16" (H) x 3 5/16" (W) x 1 5/16" (D) / 8 oz.	