

DIGITAL MULTIMETERS



Model M-1750

Features

- 3 3/4 digit, 4,000 count display
- Frequency to 10MHz
- Capacitance to 200 μ F
- Diode and transistor test
- Audible continuity
- AC/DC current to 10A
- 3-Way overload protection
- Holster included
- Relative measurement

Specifications

AC + DC Volts Accuracy	400mV, 4V, 40V, 400V, 600V DC: $\pm(0.5\% \text{ rdg} + 3 \text{ dgts})$, 600V: $\pm(0.8\% \text{ rdg} + 2 \text{ dgts})$ AC: 400mV, 600V: $\pm(1.2\% \text{ rdg} + 3 \text{ dgts})$, 4V-400V: $\pm(0.8\% \text{ rdg} + 3 \text{ dgts})$ Res. 100 μ V
AC + DC Current Accuracy	400 μ A, 4000 μ A, 40mA, 400mA, 10A DC: 400 μ A, 4000 μ A: $\pm(1.2\% \text{ rdg} + 3 \text{ dgts})$, 40mA, 400mA: $\pm(1.5\% \text{ rdg} + 3 \text{ dgts})$ AC: 400 μ A, 4000 μ A: $\pm(1.5\% \text{ rdg} + 5 \text{ dgts})$, 40mA, 400mA: $\pm(2.0\% \text{ rdg} + 5 \text{ dgts})$ Res. 0.1 μ A
Resistance Accuracy	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω 400 Ω -4M Ω : $\pm(1.0\% \text{ rdg} + 3 \text{ dgts})$, 40M Ω : $\pm(2.0\% \text{ rdg} + 3 \text{ dgts})$ Resolution 0.1 Ω
Capacitance Accuracy	4nF, 40nF, 400nF, 4 μ F, 40 μ F, 200 μ F 4nF: $\pm(5.0\% \text{ rdg} + 10 \text{ dgts})$, 40nF: $\pm(3.0\% \text{ rdg} + 10 \text{ dgts})$, 400nF-40 μ F: $\pm(2.0\% \text{ rdg} + 5 \text{ dgts})$, 200 μ F: $\pm(4.0\% \text{ rdg} + 5 \text{ dgts})$ Resolution 10pF
Frequency Accuracy	10Hz - 10MHz autoranging $\pm(0.1\% \text{ rdg} + 2 \text{ dgts})$ Resolution 1Hz
Accessories	Test leads, manual, holster, and 9V battery included
Options	ST-265 AC Clamp-on Current Adapter, C-90 case, and C-17 holster
Dimensions / weight	6 3/8" (H) x 3" (W) x 1 3/4" (D) / 10.56 oz.



Model LCM-1950

Features

- Large 1", 3 3/4 digit, 4,000 count display
- Autoranging frequency to 4MHz
- Capacitance to 400 μ F
- Inductance to 40H
- Resistance to 4000M Ω
- Logic test
- Diode and transistor test
- Audible continuity test

Specifications

AC + DC volts Accuracy	400mV, 4V, 40V, 400V, 1,000V, 750VAC DC: $\pm(0.5\% \text{ rdg} + 1 \text{ dgt})$; AC: $\pm(1.0\% \text{ rdg} + 4 \text{ dgts})$ on 400mV - 400V ranges, $\pm(2.0\% \text{ rdg} + 4 \text{ dgts})$ on 750V range Resolution 100 μ V
AC + DC current Accuracy	40mA, 400mA, 10A DC: $\pm(1.0\% \text{ rdg} + 1 \text{ dgt})$ on mA range, $\pm(3.0\% \text{ rdg} + 1 \text{ dgt})$ on 10A range AC: $\pm(1.5\% \text{ rdg} + 4 \text{ dgts})$ on mA range, $\pm(3.5\% \text{ rdg} + 4 \text{ dgts})$ on 1A range Resolution 10 μ A
Resistance Accuracy	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω , 4,000M Ω $\pm(0.8\% \text{ rdg} + 4 \text{ dgts})$ on 400 Ω range, $\pm(0.8\% \text{ rdg} + 2 \text{ dgts})$ on 4k Ω to 4M Ω ranges, $\pm(3.0\% \text{ rdg} + 4 \text{ dgts})$ on 40M Ω range, $\pm(5.0\% \text{ rdg} - 20 \text{ dgts}) + 10 \text{ dgts}$ on 4,000M Ω range Res. 0.1 Ω
Capacitance Accuracy	4,000pF, 40nF, 400nF, 4 μ F, 40 μ F $\pm(5.0\% \text{ rdg} + 10 \text{ dgts})$ on all ranges, $\pm(8.0\% \text{ rdg} + 10 \text{ dgts})$ above 100 μ F Resolution 1pF
Inductance Accuracy	4mH, 40mH, 400mH, 4H, 40H $\pm(5.0\% \text{ rdg} + 20 \text{ dgts})$ on 4mH range, $\pm(5.0\% \text{ rdg} + 10 \text{ dgts})$ on other ranges Resolution 1 μ H
Frequency Accuracy	4kHz, 40kHz, 400kHz, 4MHz $\pm(0.1\% \text{ rdg} + 1 \text{ dgt})$ Resolution 1Hz
Accessories	Test leads, manual, and 9V battery included
Options	ST-265 AC Clamp-on Current Adapter, C-90 holster
Dimensions / weight	7 3/4" (H) x 3 1/2" (W) x 1 1/2" (D) / 10.88 oz.



**Compact Multimeter
Model M-1000C**

Features

- 3 1/2 digit, 2,000 count display
- Transistor test
- Audible continuity
- Diode test
- Signal injector
- Overload protection
- Pocket-size
- Low cost

Available as a kit (M-1006K)

Specifications

AC + DC volts Accuracy	200mV, 2V, 20V, 200V, 1000V, 200VAC, 750VAC DC: 200mV $\pm(0.25\% \text{ rdg} + 2 \text{ dgts})$, 2V-1,000V: $\pm(0.5\% \text{ rdg} + 2 \text{ dgts})$ AC: $\pm(1.2\% \text{ rdg} + 10 \text{ dgts})$ Resolution 0.1mV
Input impedance	1M Ω
DC current Accuracy	200 μ A, 2mA, 20mA, 200mA, 10A 200mA, 2mA: $\pm(1.0\% \text{ rdg} + 2 \text{ dgts})$, 200mA: $\pm(1.2\% \text{ rdg} + 2 \text{ dgts})$, 10A: $\pm(2.0\% \text{ rdg} + 2 \text{ dgts})$ Resolution 0.1 μ A
Resistance Accuracy	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω $\pm(0.8\% \text{ rdg} + 2 \text{ dgts})$, 2M Ω : $\pm(1.0\% \text{ rdg} + 2 \text{ dgts})$ Resolution 0.1 Ω
Accessories	Test leads, manual, 9V battery included
Dimensions / weight	5" (H) x 2 29/32" (W) x 1" (D) / 4.5 oz.

**Autoranging Digital Multimeter
Model M-2625**



Features

- 3 3/4 digit, 4,000 count display
- Frequency 5Hz to 10MHz
- Temperature to 752 $^{\circ}$ F
- Rel. / reset mode
- Audible continuity / diode test
- Temperature probe included
- Capacitance to 100 μ F
- Holster included
- Auto power off
- Data hold

Specifications

AC + DC volts Accuracy	400mV, 4V, 40V, 400V, 600V DC: 400mV-400V: $\pm(0.5\% \text{ rdg} + 5 \text{ dgts})$, 600V: $\pm(0.8\% \text{ rdg} + 5 \text{ dgts})$ AC: 400mV: $\pm(1.5\% \text{ rdg} + 8 \text{ dgts})$, 4V-400V: $\pm(0.8\% \text{ rdg} + 5 \text{ dgts})$, 600V: $\pm(1.2\% \text{ rdg} + 5 \text{ dgts})$ Resolution 0.1mV
AC + DC current Accuracy	40 μ A, 400 μ A, 40mA, 400mA, 4A, 10A DC: $\pm(2.0\% \text{ rdg} + 5 \text{ dgts})$, 40mA, 400mA: $\pm(1.5\% \text{ rdg} + 5 \text{ dgts})$ AC: 40mA, 400mA: $\pm(2.5\% \text{ rdg} + 3 \text{ dgts})$, 40mA, 400mA: $\pm(2.0\% \text{ rdg} + 5 \text{ dgts})$, 4A, 10A: $\pm(2.5\% \text{ rdg} + 5 \text{ dgts})$ Resolution 0.1mA
Resistance Accuracy	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω 400 Ω -4M Ω : $\pm(1.0\% \text{ rdg} + 5 \text{ dgts})$, 40M Ω : $\pm(2.0\% \text{ rdg} + 5 \text{ dgts})$ Res. 0.1 Ω
Temperature	-58 $^{\circ}$ F - 752 $^{\circ}$ F Probe Included
Accessories	Test leads, manual, holster, and two (2) "AA" batteries included
Dimensions / weight	6" (H) x 3" (W) x 1 1/2" (D) / 9.9 oz.