

Bench Top Digital Multimeters

B845 4-1/2 Digit DMM

- 4-1/2 digit LCD display with polarity indicator
- 0.05% DC voltage accuracy
- 10 μ V AC & DC voltage resolution
- 10nA current resolution
- 10m Ω Resistance resolution
- Data hold switch
- Measures current to 10 Amps
- 200 μ A AC/DC Current Range



B845

B940 3-3/4 Digit DMM with RS-232

- True RMS AC volts and amps measurements
- Capacitance and Frequency measurements
- Back-lit display and Auto/Manual ranging
- MIN/MAX and Relative mode
- Delay hold mode
- AC Line or Battery Operated
- RS-232 Interface with software
- Portable or Bench with Pop-up Stand
- Storage Compartment



B940

■ SPECIFICATIONS

[B845]

DC Voltage

Range: 200mV, 2V, 20V, 200V, 1000V
Best Resolution: 10 μ V
Accuracy: $\pm(0.05\% \text{ Rdg} + 2d)$

AC Voltage

Range: 200mV, 2V, 20V, 200V, 1000V
Best Resolution: 10 μ V
Accuracy: $\pm(0.5\% \text{ Rdg} + 10d)$

DC Current

Range: 200 μ A, 2mA, 20mA, 200mA, 10A
Best Resolution: 10nA
Accuracy: $\pm(0.3\% \text{ Rdg} + 3d)$

AC Current

Range: 200 μ A, 2mA, 20mA, 200mA, 10A
Best Resolution: 10nA
Accuracy: $\pm(0.75\% \text{ Rdg} + 10d)$

Resistance

Range: 200 Ω , 2K Ω , 20K Ω , 200K Ω , 2M Ω , 20M Ω
Best Resolution: 10m Ω
Accuracy: $\pm(0.2\% \text{ Rdg} + 5d)$

Continuity

Buzzer: Will sound at < 200 Ω Resistance

Diode test

Test Volt: 2.8V
Test Current: 3mA

General Specifications

Operating Temperature: 0 to 40°C at a relative humidity of 0 to 80%
Power: 115/230V, 50/60Hz
Size: 3.0" H x 8.0" W x 10.5" D
Weight : 5 lbs
Supplied Accessories: Manual, Test leads

[B940]

DC Voltage

Range: 400mV, 4V, 40V, 400V and 1000V
Best Resolution: 0.1mV
Accuracy: $\pm(0.3\% + 2d)$

AC Voltage

Range: 4V, 40V, 400V and 750V
Best Resolution: 1.0mV
Accuracy: $\pm(0.8\% + 5d)$

DC Current

Range: 4mA, 40mA, 400mA and 10A
Best Resolution: 1 μ A
Accuracy: $\pm(0.8\% + 5d)$

AC Current

Range: 4mA, 40mA, 400mA and 10A
Best Resolution: 1 μ A
Accuracy: $\pm(1.5\% + 5d)$

Resistance

Range: 400 Ω , 4K Ω , 40K Ω , 400K Ω , 4M Ω , 40M Ω
Best Resolution: 0.1 Ω
Accuracy: $\pm(0.5\% + 5d)$

Frequency

Range: 100Hz, 1KHz, 10KHz and 600KHz
Best Resolution: 0.01Hz
Accuracy: $\pm(0.1\% + 2d)$

Capacitance

Range: 4nF, 40nF, 400nF, 4 μ F, 40 μ F
Best Resolution: 0.1pF
Accuracy: $\pm(2\% + 4d)$

Diode test

Test Volt: 3 V
Test Current: 0.6mA

Continuity

Buzzer: will sound at < 40 Ω Resistance

General Specifications

Size: 3.3" H x 9.0" W x 9.4" D
Weight: 3.3 lbs
Power: 9V NEDA battery (not supplied) or 90 to 132VAC / 198 to 264VAC @ 50/60Hz (Adapter Supplied)
Accessories: Manual, Test leads, Carrying strap, Line cord, RS-232 cable, Software CD

multimeters.com