

### TEST INSTRUMENTS

Model 8012 is a high performance, 20,000-count digital benchtop multimeter. It measures DC and AC voltage, DC and AC current, Resistance, Capacitance, Hz, hFE, Diode, and Continuity. The 8012 features a large 4-1/2 digit LCD display with backlight. Maximum voltage measurement is up to 1,000V DC and 750V AC with resolution up to 10 $\mu$ V. Maximum current measurement is up to 20A. AC measurement is performed by high accuracy RMS.

#### Features

- 4-1/2 digit large LCD display with backlight, max reading of 19,999
- True RMS measurement
- Measures DC and AC voltage, DC and AC current, Resistance, Capacitance, Hz, hFE, Diode, and Continuity
- Max voltage measurement up to 1,000V DC and 750V AC
- Max current measurement up to 20A

#### Technical Specifications

- ◆ ACV frequency response: 50 kHz
- ◆ Input impedance: 10 M $\Omega$
- ◆ DC voltage: 200mV/2V/20V/200V ( $\pm 0.05\%$ ), 1000V ( $\pm 0.1\%$ )  
AC voltage: 200mV/2V/20V/200V ( $\pm 0.8\%$ ), 750V ( $\pm 1.0\%$ )  
DC current: 20mA/200mA ( $\pm 0.35\%$ ), 2A/20A ( $\pm 0.8\%$ )  
AC current: 200mA ( $\pm 0.8\%$ ), 2A/20A ( $\pm 1.0\%$ )  
Resistance: 200 $\Omega$ /2k $\Omega$ /20k $\Omega$ /200k $\Omega$ /2M $\Omega$  ( $\pm 0.1\%$ ),  
20M $\Omega$  ( $\pm 0.4\%$ )  
Capacitance: 20nF/2 $\mu$ F ( $\pm 3.5\%$ ), 200 $\mu$ F ( $\pm 5\%$ )  
Frequency: 20kHz/200kHz ( $\pm 1.0\%$ )
- ◆ Diode check
- ◆ Continuity test (audible)
- ◆ Accessories: Test leads, power cable
- ◆ Power source: AC 110/220V  $\pm 10\%$
- ◆ Dimension: 8.7"(W) x 4.1"(H) x 10.2"(D)  
(260 x 220 x 105mm)
- ◆ Weight: approx. 3 lb.

