



### High Performance Value With Built-in Versatility

- True-rms ac to 50 kHz
- Conductance function checks high resistance
- High-power or low-power ohms
- Five voltage ranges 200 mV to 1000V
- Extensive overload protection
- 80T-H Touch and Hold probe (optional)

### Fluke 8010A and 8012A

Both meters measure dc volts, true-rms ac volts, dc amps, true-rms ac amps, ohms, conductance, and diode test. The 8012A, the world's widest-range 3½-digit ohmmeter, also features two low resistance ranges ( $2\Omega$  or  $20\Omega$ ). The 8010A includes a 10A current range.

#### True-RMS AC

This function assures accurate measurement of non-sinusoidal voltage or current waveforms such as squarewaves. Custom hybrid circuitry provides low noise and a wide bandwidth.

#### Conductance

Measure resistance as high as  $10,000\text{ M}\Omega$ . This is a useful feature for checking high-value resistors, leakage in connectors, cables and diodes.

### Fluke 8050A

This 4½-digit meter measures dc volts, true rms ac volts, dc amps, true-rms ac amps, ohms, dBm (with selectable reference impedances) conductance, and diode test. It also features a relative-reference function for all measurements.

#### Relative Reference

With the relative switch on, the displayed value is equal to the difference between the present input value and a previously stored reference value. It is a handy feature to null out test lead resistance or measure the dB gain of the various stages of an audio amplifier.

#### dB Function

Provides digital read-out of decibels referenced to any one of sixteen impedances from 8 ohms to

1200 ohms. The internal microprocessor performs the calculations—no need to use manual conversion tables.

#### Conductance

Two ranges of conductance extend the resistance-measuring capabilities to  $100,000\text{ M}\Omega$ , far beyond ordinary meters.

#### True-RMS AC

Assures accurate measurement of non-sinusoidal waveforms, as well as pure sinewaves.

#### Standard Equipment

With each meter, Fluke includes an operator's manual, line cord, test leads, and a statement of calibration practice.

#### Optional Touch and Hold Probe

Hold the displayed reading by simply depressing a button on the probe. This reading will not change until button is released. Use for voltage, resistance, and conductance measurements.

#### Optional Battery Operation

Rechargeable-battery versions of all three bench/portable DMMS are available as models 8010A-01, 8012A-01, and 8050A-01.

#### Basic DC Accuracy

(% of reading + number of digits)

Fluke 8010A	0.1% + 1
Fluke 8012A	0.1% + 1
Fluke 8050A	0.03% + 2

#### One Year Warranty

One year guaranteed calibration.

#### Size

2.5" H x 8.5" W x 10" L  
(6cm H x 33cm W x 25cm L)

#### Weight

2.38 lb  
(1.08 kg)

#### Order

8010A  
8012A  
8050A  
8010A-01  
8012A-01  
8050A-01