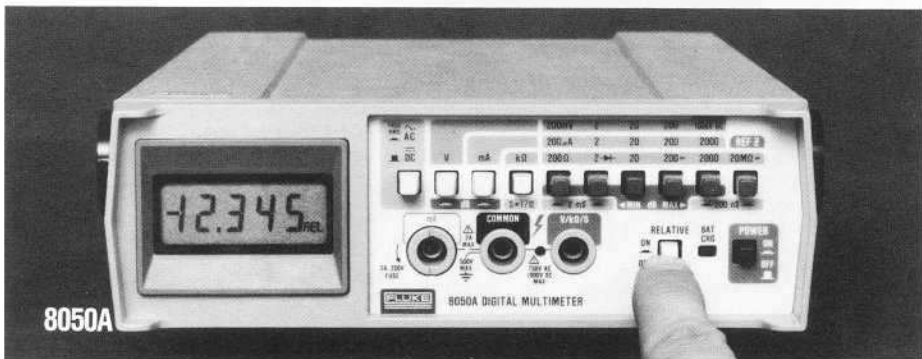


8010A

8012A



8050A

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 (2Ω or 20Ω). 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 MΩ. 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 MΩ, 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