

8808A 5.5 Digit Multimeter



Fluke 8808A



The Fluke 8808A includes two low impedance low current ranges for measuring sensitive leakage currents



Use setup keys (S1-S6) for fast access to repetitive measurements. Setups can include limit compare mode with pass/fail indicators



Dual Display



Included Accessories

LCI Line Power Cord, TL71 Test Lead Set, Spare Line Power fuse, Programmers Manual/User Manual on CD-ROM.

Ordering Information

Fluke 8808A 5.5 digit multimeter
 Fluke 8808A/SU 5.5 digit multimeter, (software & cable)
 Fluke 8808A/TL 5.5 digit multimeter, 2X4W Test Lead Kit

Versatile multimeter for manufacturing, development and service applications

Manufacturing test, R&D, development and service applications demand performance and flexibility from a bench meter. The Fluke 8808A delivers a wide variety of measurement functions, including volts, ohms, and amps, plus frequency - all at superior accuracy and resolution with a basic V dc accuracy of 0.015 %.

Measure sensitive leakage current: The Fluke 8808A includes two low impedance low current ranges for measuring sensitive leakage currents (i-Leakage).

Perform routine manufacturing functional tests with consistency: Use setup keys (S1 – S6) for fast access to repetitive measurements. Operators no longer need to press multiple buttons to make routine measurements.

Eliminate production mistakes: The 8808A has a limit compare mode with built in display enunciators that clearly show whether a test is within or out of limits.

Perform 4-wire measurements with only two leads: Patented split terminal jacks for 2x4 Ohms function allow you to perform precise 4-wire low ohms measurements with only two leads instead of four. Optional test lead accessories are available to enable you to establish a 4-wire connection even in tight spaces or on surface mount devices.

Features

| | 8808A |
|-----------------------------|--|
| Display | VFD multi segment |
| Resolution | 5.5 digits |
| Measurements | V ac, V dc, I dc, I ac, Ω, Cont, Diode |
| Advanced Measurements | 2X4 Wire Ohms, Freq, i-Leakage |
| Continuity / Diode Test | Yes |
| Analytical Functions | Limit Compare |
| Math Functions | dBm, dB, Min, Max |
| Interfaces | RS-232, USB via optional adapter |
| Programming Languages/Modes | Simplified ASCII, Fluke 45 |
| Safety Rating | CAT I 1000 V, CAT II 600 V |

Specifications

(Check the Fluke web for detailed specifications)

| Functions | Range | Resolution | Accuracy* |
|-------------------------------------|-----------------------------|------------|-----------|
| Voltage DC | 200 mV to 1000 V | 1 μV | 0.015 |
| Voltage AC (Freq. 10 Hz to 100 kHz) | 200 mV to 750 V | 1 μV | 0.2 |
| Resistance (2x4 Wire) | 200 Ω to 100 MΩ | 1 mΩ | 0.02 |
| Current DC | 200 μA to 10 A | 1 nA | 0.02 |
| Current AC (Freq. 20 Hz to 2 kHz) | 20 mA to 10A | 100 μA | 0.3 |
| Freq. Period | 20 Hz to 1 MHz (Freq. only) | 0.1 mHz | 0.01 |

* Accuracy = +/- (% of reading)

Size (HxWxD): 88 mm x 217 mm x 297 mm
Weight: 2.1 kg
One year Warranty

Recommended Accessories



TL2X4W-TWZ 2x4 Wire Ohms Tweezer Test Leads

884X-case Hard case

TL2X4W-PT II 2x4 Wire Ohms Test lead 2mm Probe Tip

884X-short 4-Wire Short

FVF-UG/SC4/SC5 FlukeView Forms Software



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