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

LISTED UL CSA True RMS

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

11293-eng Rev. 02

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 ASCI, 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