

# 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

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 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



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