

Fluke 8846A/8845A/8808A

Precision Bench Multimeters



Fluke 8846A



Fluke 8845A



Fluke 8808A



Fluke 8846A/8845A 6.5 Digit Precision Multimeters

These digital multimeters perform the functions you would expect to see in a multifunction DMM, including measuring volts, ohms and amps. Basic V dc accuracy of up to 0.0024 %, 10 A current range, and a wide ohms range give you an unbeatable combination of measurement capability.

Extend the meters' utility even more with their graphical display modes, including Trendplot™, paperless recorder mode, statistics and histograms—features you won't find on other multimeters

- 6.5 digit resolution
- Up to 0.0024 % accuracy
- Graphical analysis modes: TrendPlot, Histogram, and Statistics
- Dual measurement inputs: front/rear
- Dual measurement display
- Wide measurement ranges
- IEEE, LAN, RS-232 interfaces
- USB memory device port (8846A)
- TL2X4 wire measurement technique

Fluke 8808A 5.5 Digit Multimeter

The Fluke 8808A multimeter has a broad range of functions, measuring volts, ohms and amps with a basic V dc accuracy of 0.015 %. The meter is easy to use and include innovative functions to simplify routine testing and precision 4 wire resistance measurements.

- 5.5 digit resolution
- Up to 0.015 % accuracy
- Dual measurement display
- Sensitive dc leakage current ranges
- Front panel setup keys
- TL2X4 wire measurement technique

Sample screens

Fluke 8846A/8845A



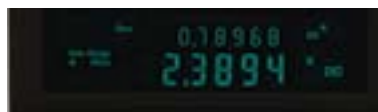
Built-in TrendPlot graphically plots extent of drift and intermittent events.



Critical measurement statistics are conveniently displayed together.



Histogram mode can reveal stability or noise problems.



Perform two interrelated measurements like volts and amps, or volts ac and frequency (and 8808A).



Measure sensitive dc currents accurately using unique design that minimizes measurement error due to shunt burden voltages (8808A only).

Recommended accessories



TL2X4W-TWZ
2x4-Wire Ohms
Tweezers Test Leads



TL2X4W-PTH
2x4-Wire Ohms
Test Lead



Y8846D
Rack Mount Kit,
Dual

Check price and availability at
www.fluke.com/wtb

Specifications

	Fluke 8808A	Fluke 8845A	8846A
Display	Dual	Dual, graphical	
Resolution (digits)	5.5	6.5	
Measurements	V ac, V dc, I dc, I ac, Ω, Cont, Diode	V ac, V dc, I dc, I ac, Ω, Cont, Diode	
Basic V dc accuracy (% Reading + % Range)	0.015 + 0.003	0.0035 + 0.0005	0.0024 + 0.0005
Advanced measurements/ functions	2x4 wire ohms, freq, i-Leakage dedicated setup keys	2x4 wire ohms, freq, period	2x4 wire ohms, freq, period, capacitance, temp (RTD)
Math	Null, dBm, dB, Min, Max	Null, dBm, dB, Min, Max, Ave, Std Deviation, MX+B	
Analysis	Limit Compare	Limit Compare, TrendPlot, Histogram, Statistics	
USB memory device port	No	No	Yes
Interfaces	RS-232, USB via optional adapter	RS-232, IEEE-488.2, LAN, USB via optional adapter	
Safety rating	CAT I 1000 V, CAT II 600 V	CAT I 1000 V, CAT II 600 V	

Ordering information

Included accessories	Models
Power cord, test lead set, programmers manual/users manual on CD, FVP-BASIC, FlukeView Forms Software Basic Version.	FLUKE-8846A 6.5 Digit Precision Multimeter, 24 ppm USB memory
	FLUKE-8845A 6.5 Digit Precision Multimeter, 35 ppm
Test leads, line cord, getting started guide, users manual on CD.	FLUKE-8808A 5.5 Digit Multimeter