

Fluke 8845A/8846A 6.5 digit Precision Multimeters

Technical Specifications	
Display	VFD Dot Matrix
Resolution	6.5 Digits
V DC	Ranges: 100 mV to 1000 V Max. Resolution: 100 nV Accuracy: 8845A: 0.0035 + 0.0005 8846A: 0.0024 + 0.0005
V AC	Ranges: 8845A: 100 mV to 750 V 8846A: 100 mV to 1000 V Max. Resolution: 100 nV Accuracy: 8845A: 0.06 + 0.03 8846A: 0.06 + 0.03 Frequency: 3 Hz to 300 KHz
Resistance	2x4 Wire: Yes Ranges: 8845A: 100 Ω to 100 MΩ 8846A: 10 Ω to 1 GΩ Max. Resolution: 8845A: 100 μΩ 8846A: 10 μΩ Accuracy: 8845A: 0.010 + 0.001 8846A: 0.010 + 0.001
A DC	Ranges: 100 μA to 10 A Max. Resolution: 100 pA Accuracy: 0.050 + 0.005
A AC	Ranges: 8845A: 10 mA to 10 A 8846A: 100 mA to 10 A Max. Resolution: 8845A: 10 nA 8846A: 100 pA Accuracy: 0.10 + 0.04 Frequency: 3 Hz to 10 kHz
Freq/Period	Ranges: 8845A: 3 Hz to 300 kHz 8846A: 3 Hz to 1 MHz Max. Resolution: 1 μHz Accuracy: 0.01 %
Continuity/ Diode Test	Yes
Capacitance	Ranges: 8846A: 1 nF to 0.1 F Max. Resolution: 8846A: 1 pf Accuracy: 8846A: 1 %
Temperature	Type: 8846A: Platinum RTD Ranges: 8846A: -200 °C to +600 ° Max. Resolution: 8846A: 0.01 ° Accuracy: 8846A: 0.06 °
Math Functions	NULL, Min/Max/Average, Std Dev dB/dBm: Yes
Advanced Functions	Statistics/Histogram: Yes Trendplot: Yes Limit Test: Yes

Input Output	USB Memory: 8846A: USB memory drive port Real Time Clock: 8846A: Yes Interfaces: RS 232, IEE-488.2, Ethernet, USB (with optional adaptor) Programming Languages/Modes: 8846A: SCPI (IEEE-488.2), Agilent 34401A, Fluke 45
General Specifications	
Weight	3.6 kg (8.0 lbs)
Dimensions	88 mm x 217 mm x 297 mm (3.46 in x 8.56 in x 11.7 in)
Safety	Designed to comply with IEC 61010-1:2000-1, UL 61010-1A1, CAN/CSA-C22.2 No. 61010.1, CAT I 1000V/CAT II 600V