

FLUKE®

Introducing the Fluke 8845A and 8846A 6.5 Digit Precision Multimeters

Precision and versatility for your manufacturing
test and R&D engineering customers



New Fluke 8845A and 8846A Precision Multimeters

Precision and versatility for bench or systems applications



These multimeters will exceed your customers' expectations for performance and value

The Fluke 8845A and 8846A 6.5 digit Precision Multimeters have the precision and versatility to handle your customers' most demanding measurements, on the bench or in a system. This meter is both high performance and feature rich, yet it is also remarkably easy to use.

Customer market

Manufacturing test engineers and R&D engineers will be the best customers for the 8845A and 8846A Precision Multimeters.

- Customers who work in commercial/ industrial and consumer industries will find the 8845A/8846A attractive because it is versatile, easy to use, and gives good value for the price.
- Customers who work in aerospace, defense, and biomedical industries will appreciate the excellent analog performance and connectivity offered by the 8845A and 8846A meters.

Features at a glance

- 6.5 digit resolution
- Basic V dc accuracy of up to 0.0025 %
- Dual display
- 10 A current range
- Wide ohms range
- 2 x 4 wire ohms measurement technique
- Measures frequency, capacitance, period and temperature
- USB memory drive port (8846A)
- Fluke 45 and Agilent 34401A emulation
- Graphical display
- Advanced analysis capability with Trendplot™ paperless recorder mode, statistics and histogram



General specifications

Feature	8845A	8846A
Resolution	6.5 digits	6.5 digits
Display	Dual, Graphical	Dual, Graphical
V dc range	1000 V	1000 V
V dc accuracy	0.0035 % + 5 ppm	0.0025 % + 2 ppm
V ac range	750 V	1000 V
V ac accuracy	0.06 % + 0.03 % Rng	0.06 % + 0.03 % Rng
V ac frequency response	300 kHz	300 kHz
I dc range	10 A	10 A
Ohms	100 to 300 M	10 to 1G
2x4 Wire Ohms	Yes (Test Lead Set Optional)	Yes (Test Leads Included)
Frequency and period	3 Hz to 1 MHz	3 Hz to 1 MHz
Continuity and diode	Yes	Yes
Capacitance	–	1 nF to 10 F
Temperature	–	RTD
Interfaces	GPIB RS-232 LAN	GPIB RS-232 LAN
Removable memory	–	USB memory drive port
Mathematics	Min/Max/Ave Hi/Lo Limit mX+b	Min/Max/Ave Hi/Lo Limit mX+b



Ordering Information

Product ordering information for distributor purchasing agents

To order Fluke products, please fax your purchase order to 425-446-5844. Order status information is available online on the Fluke Partner Portal. Please see the back page for details on how to register for access to the Partner Portal if you have not already done so. For questions on orders, please call 1-800-752-5717.

Model	UPC Codes	Item #	Description	CE Status	Width	Depth	Height	Weight	Country of origin	US List Price
Mainframes										
8845A 120V	0 95969 29201 6	2441853	6.5 Digit Precision Multimeter, 35 ppm	Yes	39.37 cm (15.5 in)	44.45 cm (17.5 in)	20.32 cm (8 in)	4.749 kg (10.47 lbs)	USA	\$995.00
8846A 120V	0 95969 29352 5	2454021	6.5 Digit Precision DMM, 25 ppm USBMem	Yes	39.37 cm (15.5 in)	44.45 cm (17.5 in)	20.32 cm (8 in)	4.749 kg (10.47 lbs)	USA	\$1,395.00
8845A/SU 120V	0 95969 35389 2	2675292	6.5 Digit Precision Multimeter, SW and Cable	Yes	39.37 cm (15.5 in)	44.45 cm (17.5 in)	20.32 cm (8 in)	4.749 kg (10.47 lbs)	USA	\$1,195.00
8846A/SU 120V	0 95969 35394 6	2675344	6.5 Digit Precision Multimeter, SW and Cable	Yes	39.37 cm (15.5 in)	44.45 cm (17.5 in)	20.32 cm (8 in)	4.749 kg (10.47 lbs)	USA	\$1,595.00
8846A/DEMO	0 95969 35399 1	2675398	6.5 Digit Precision DMM, Sales Demo Kit	Yes	39.37 cm (15.5 in)	44.45 cm (17.5 in)	20.32 cm (8 in)	4.749 kg (10.47 lbs)	USA	\$1,645.00
Accessories										
884X-SHORT	0 95969 35286 4	2653346	4-Wire Short						USA	\$30.00
TL2X4W-PT	0 95969 35400 4	2675454	2x4 Wire Ohms Test Lead						USA	\$75.00
884X-512M	0 95969 35407 3	2675529	USB Memory 512 MB						USA	\$75.00
884X-1G	0 95969 35408 0	2675534	USB Memory 1 GB						USA	\$125.00
884X-USB	0 95969 35402 8	2675479	USB to RS232 cable adapter (Purchased P/N 2683906)						China	\$150.00
884X-ETH	0 95969 35403 5	2675487	Ethernet Interface Cable (FNET Part # 927868)						China	\$18.00
RS43	0 95969 02525 6	946470	RS232 Cable (RS43, 2 m)						China	\$50.00
Y8021	0 95969 35404 2	708289	IEEE488 cable (1 m) (Purchased P/N 658526)						USA	\$210.00
Y8022	0 95969 35405 9	708297	IEEE488 cable (2 m) (Purchased P/N 682401)						USA	\$260.00
FVF-UG	0 95969 09046 9	1576741	FlukeView Forms Software Upgrade - No cable						USA	\$75.00
FVF-SC4	0 95969 36181 1	2687335	FlukeView Forms with cable for 8845/8846						USA	\$225.00
Y8846	0 95969 35406 6	2675518	Rack Mount Kit						USA	

What's included

Standard Units		
TL71	802980	TL71, Test Lead Set, Premium DMM
LCI Line Cord	284174	Line Power Cord
Fuse	166488	Spare Line Power Fuse
Card	N/A	Statement of Calibration Practices (8 1/2 x 11 in sheet paper)
	2566073	WEEE Sheet, WEEE Information Sheet
	1608169	Registration Card, Generic, Web Access
	2064192-C	Accessories Brochure
Warranty	2053946	Warranty, Warranty Information Document
CD-ROM	2453193	CD-ROM, Programmer and Users Manual, 8845A/8846A CD ROM Includes: Programmers Manual Users Manual (English Only) Service Manual (Will be added in Jul 06)
FVF-SC5	2687364	FlukeView® Forms - Basic for 8845/8846
8846A/DEMO Standard unit plus 2675398		
884X-CASE	2675552	Black Case
TL2X4W-PT	2675454	2x4 Wire Ohms Test Lead 2 mm Probe Tip
884X-512M	2675529	USB Memory 512 MB
884X-SHORT	2653346	4-Wire Short
884X-USB	2683906	USB to RS232 Cable Adapter
FVF-UG	2436422	FlukeView Forms Software Upgrade - No cable
		Sales Training Materials CD Rom
884xA SU (Software plus Cable bundle)		
FVF-UG	2436422	FlukeView Forms Software Upgrade - No cable
884X-USB	2683906	USB to RS232 Cable Adapter



FlukeView® Forms logging software