

Compare!

- Bench, R&D, Manufacturing and Service

☐ Fluke 8808A

☐ Fluke 8845A

☒ Fluke 8846A

- Highest accuracy

☐ Fluke 287

☒ Fluke 289

- High-end industrial

☐ Fluke 83V

☒ Fluke 87V

- Industrial maintenance and field service

☐ Fluke 175

☐ Fluke 177

☒ Fluke 179

- Electrical

☐ Fluke 117

- HVAC/R

☐ Fluke 116

- Field Service

☐ Fluke 115

- Basic Electrical

☐ Fluke 114

- General purpose

☐ Fluke 77 IV

- Heavy duty

☐ Fluke 27

- Automotive

☐ Fluke 88V

- Loop calibration

☐ Fluke 787

☐ Fluke 789

- Insulation testing

☐ Fluke 1577

☐ Fluke 1587
Basic features

Counts

True RMS readings

Basic DC accuracy

Wide bandwidth

Auto/manual ranging

Measurements

Voltage AC/DC

Current AC/DC

Resistance

Frequency

Capacitance

Temperature

dB

Conductance

Duty cycle/pulse width

Continuity with beeper

Diode test

Motor drive measurement

LoZ: low input impedance

Microamps

Display

Dual display

Analog bargraph

Backlight

Data storage and exchange

Min-Max recording/with time stamp

Fast Min-Max

Display Hold/Auto (Touch) Hold

Relative

USB/RS-232/GPIB Interface

Stand-alone logging/Trend Capture

Readings memories

Other features

Real time clock

Smoothing

Integrated holster

Removable holster

Closed case calibration

Calibration certificate with data

Separate battery/fuse access

Automatic power off

Low battery indication

2 x 4W Low Ohms Mode

PASS/FAIL with user limits

Emulation: Fluke 45/Agilent 34401A

Rear Input

Advanced Analyze Modes

Trigger In/Out

Stored Instrument Configuration

Warranty and safety

DMN - .

Lifetime warranty

Warranty (years)

Input Alert

EN61010-1 CAT I

EN61010-1 CAT II

EN61010-1 CAT III

EN61010-1 CAT IV

Fluke 8846A

1199999

AC-coupled true-rms

0.0024%

300 kHz

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Fluke 8846A

1000 V

10 A

1 GΩ

100 mF

-200 to 600 °C, RTD

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Fluke 8846A

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USB Stick

Fluke 8846A

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1000 V

600 V

Fluke 289

50000

AC+DC

0.025%

100 kHz

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Fluke 289

1000 V

10 A

500 MΩ

1 MHz

100 mF

+1350 °C

60 dB

50 nS

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Fluke 289

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Fluke 87V

20000

AC

0.05%

20 kHz

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Fluke 87V

1000 V

10 A

50 MΩ

200 kHz

10 mF

+1090 °C

60 nS

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Fluke 87V

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Fluke 179

6000

AC

0.09%

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Fluke 179

1000 V

10 A

50 MΩ

100 kHz

10 mF

+400 °C

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