

Hand, Power & Analytical Tools

FLUKE® 170 Series Digital Multimeter

Versatile meters for field service or bench repair. These meters have the features needed to repair most electrical and electronic problems. They are simple to use and have significant improvements over Fluke's original 70 Series like true-RMS, more measurement functions, conformance to the latest safety standards and a much larger display that's easier to view.



Features:

- Wide 1,000 V measurement range
- True-RMS for precise measurement of nonlinear signals
- 0.09% accuracy
- 10 A continuous
- Frequency and capacitance
- Resistance and continuity
- Temperature
- Large display
- Backlight for work in dim areas
- Min/Max to record signal functions
- Integral holster with probe holders
- Free your hands with the optional TPAK magnetic hanger
- Auto and manual ranging
- Limited lifetime warranty
- Cat III 1,000 V, CAT IV 600 V measurement category
- UL® and CSA approved

Includes:

- Test leads
- Battery
- Manual
- Temperature probe

Max. AC Volts: 1,000
Max. DC Volts: 1,000

Item No.	Mfr. No.	AC Volts Accuracy	DC Volts Accuracy
101774434	FLUKE-179ESFP	(1.0% + 3)	(0.09% + 2)
101763281	FLUKE-177ESFP	(2.0% + 3)	(0.09% + 2)
101762855	FLUKE-175ESFP	(2.0% + 3)	(0.15% + 2)

FLUKE® True-RMS Digital Multimeter



Features:

- True-RMS for accurate measurements on nonlinear loads
- Large display and white LED back light to work in poorly lit areas more effectively
- Compact ergonomic design for one-handed operation
- Min/max/average to record signal fluctuations
- Resistance and continuity
- CAT III 600 V rated
- UL® and CSA approved

Max. AC Volts: 600 V
Max. DC Volts: 600 V

Item No.	Mfr. No.	AC Volts Accuracy	DC Volts Accuracy	Volt Alert	AutoVolt/LoZ	Max. Current (A)
102181323	FLUKE-114	(1.0% + 3)	(0.5% + 2)	No	Yes	10
101761399	FLUKE-115	(1.0% + 3)	(0.7% + 2)	No	No	10
101763280	FLUKE-117	(1.0% + 3)	(0.7% + 2)	Yes	Yes	10
102157421	FLUKE-116	(1.9% + 3)	(0.9% + 1)	No	Yes	10

FLUKE® 3000 FC Series Wireless Multimeter



Features:

- Has all the essentials for convenient test and measurement troubleshooting with the Fluke Connect™ app
- AC and DC voltage measurements to 1,000 V
- AC and DC current with 0.01 mA resolution
- Continuity, resistance, diode test, capacitance and frequency measurements
- MIN/MAX recording
- CAT III 1,000 V, Cat IV 600 V; IP54
- Measures AC, DC and AC+DC voltage, AC and DC current, plus temperature
- Choose a standard clamp or flexible clamp to measure AC current
- Mix and match modules to suit your unique measurement needs
- Read the primary measurement on the main display and up to three modules at any one time
- Modules are available separately or as part of Fluke Connect kits

Max. AC Volts: 1,000 V
Max. DC Volts: 1,000 V
Max. AC Amps: 400 mA
AC Volts Accuracy: (2.0% + 3)
DC Volts Accuracy: (0.05% + 3)

Item No.	Mfr. No.
111024246	FLK-3000FC

FLUKE® 80 Series V Industrial Multimeter



Features:

- Unique function for accurate voltage and frequency measurements on adjustable speed drives
- True-RMS AC voltage and current for accurate measurements on non-linear signals
- Built-in thermometer allows temperature readings without having to carry a separate instrument
- Peak capture to record transients as fast as 250 µs
- 4 1/2 digit mode
- Large display digits and two level bright white backlight for increased visibility
- Withstands hazardous 8,000 V spikes caused by load switching and faults on industrial circuits
- Relative mode to remove test lead resistance from low ohms measurements
- Auto and manual ranging for maximum flexibility
- Analog bar graph
- Resistance, continuity and diode test
- Magnetic hanger for easy setup and viewing while freeing your hands for other tasks available
- E2 option
- CAT IV 600 V rated
- CAT III 1,000 V rated

Max. DC Volts: 1,000 V
Max. AC Volts: 1,000 V
Max. DC Amps: 10 A
Max. Frequency: 200 kHz
Max. Capacitance: 10,000 µF

Item No.	Mfr. No.
101943401	FLUKE-87-5

FLUKE® Fluke 279 FC TRMS Thermal Multimeter



Features:

- Full featured multimeter with built-in thermal imager
- 15 measurement functions including: AC voltage with low-pass filter, DC voltage, resistance, continuity, capacitance, diode test, min/max/avg, AC current (with iFlex), frequency
- Thermal imaging reveals many electrical issues quickly and safely, eliminating the need for time-consuming testing and validation
- Two-in-one tool is designed to increase productivity – no need to go back to the truck or office to retrieve a shared camera or wait for the thermographer – do more in less time
- iFlex expands your measurement capabilities – get into tight, hard-to-reach spaces for current measurement (up to 2,500 A AC)

- Save measurements and images while communicating wirelessly with a smart phone up to 20 ft (6.1 m) away (no obstructions)
- Image resolution – 80 x 60
- 3.5" (8.89 cm) color LCD screen
- Rechargeable lithium-ion battery allows for a full work day (10+ hours) under normal conditions
- Assembled in the USA
- Three-year standard warranty
- Auto power off to save battery power
- CAT III 1,000 V, CAT IV 600 V measurement category
- Designed for durability, built to withstand a 3 m (9.8 ft) drop, double insulated with raised rubber holster for increased protection

Max. AC Amps: 2,500
Max. Capacitance: 9,999 µF
Max. AC/DC Volts: 1,000
Frequency: 100 kHz

Item No.	Mfr. No.
112593845	FLUKE-279FC

