

Digital Multimeters

Features: • IEC 1010 CAT IV 600V safety rating • 6000 count display • True-rms AC voltage and current • Minimum/Maximum/Average • Frequency and capacitance capabilities • Easy access battery door • Fluke 179 measures temperature in °C and °F • Backlight (Fluke 177 and 179) • Lifetime warranty

Specifications: • AC Amps: 0.01mA – 10.00A • DC Amps: 0.01mA – 10.00A • AC Voltage: 0.1mV – 1000V • DC Voltage: 0.1mV – 1000V • Resistance: 0.1Ω – 50.00MΩ • Capacitance: 1nF – 9999µF • Frequency: 0.01Hz – 100kHz • Temperature (Fluke 179 only): -40°C – 400°C; -40°F – 752°F

Includes: • Installed 9V battery • Test leads • User's manual • 80BK-A Temperature Probe (Fluke 179 only)



Fluke 179

Digi-Key Part No.	Price Each	Fluke Part No.
614-1019-ND	237.95	FLUKE-175 ESFP
614-1020-ND	247.95	FLUKE-177 ESFP
614-1021-ND	257.95	FLUKE-179 ESFP

Electronics Combo Kit

Includes: • Fluke 179 True-rms Digital Multimeter with backlight • Fluke TL224 Silicone Test Leads • Fluke TL910 Electronic Test Probes with Replacement Tips • Fluke AC280 Heavy Duty Hook Clips • Fluke 80BK-A Integrated Temperature Probe • C35 Lightweight Soft Carrying Case

614-1023-ND (FLUKE-179/EDA2)\$292.95

Electrician's Combo Kit

Includes: • Fluke 179 True-rms Digital Multimeter • Fluke 1AC-II Volt Alert Non-Contact Voltage Tester • Fluke 80BK-A K-type Temperature Probe • Fluke AC220 Retractable Long Reach Alligator Clips • Fluke TP220 Sharp 12mm stainless steel tip provides reliable contact • Fluke TL224 1.5m silicone leads resist heat • Fluke TPAK TookPak meter hanging accessory to hold meter to steel surfaces • Fluke C35 Lightweight soft case to provide optimal protection and storage

614-1022-ND (FLUKE-179/1AC-II)\$292.95

True-rms Electrical Multimeters

Fluke 114

Features: • Measures up to 600V AC and DC • AutoVolt: automatic AC/DC voltage selection • LoZ: Low input impedance prevents false readings due to "ghost" voltage • Large white LED backlight to work in poorly lit areas • Resistance and continuity • Minimum/Maximum/Average to record signal fluctuations • CAT III 600V safety rated

Includes: • TL75 test leads • Holster • User's manual • 9V battery installed

614-1009-ND (FLUKE-114)\$129.95



Fluke 114

Fluke 115

Features: • Measures up to 600V AC and DC • Resistance, continuity, frequency, capacitance and diode test • Measures 10A • Large white LED backlight to work in poorly lit areas • 10A current measurement • Minimum/Maximum/Average with elapsed time to record signal fluctuations • CAT III 600V safety rated

Includes: • TL75 test leads • Holster • User's manual • 9V battery installed

614-1010-ND (FLUKE-115)\$156.95

Fluke 117

Features: • Measures up to 600V AC and DC • VoltAlert™ technology for non-contact voltage detection • LoZ: Low input impedance prevents false readings due to "ghost" voltage • AutoVolt automatic AC/DC voltage selection • Large white LED backlight to work in poorly lit areas • 10A current measurement • Resistance, continuity, frequency, and capacitance • Minimum/Maximum/Average to record signal fluctuations • CAT III 600V safety rated

Includes: • TL75 test leads • Holster • User's manual • 9V battery installed

614-1011-ND (FLUKE-117)\$186.95

True-rms Multimeters with TrendCapture

Fluke 287 Electronic Logging Meter

Features: • 50,000 count, 320 x 240 Dot matrix display with white backlight • 0.025% Basic DC accuracy • Logging function with TrendCapture • Optical USB PC communication interface • Field upgradable and expandable • i-info button • Internal memory allows stand-alone logging for up to 180 hours • Multi-lingual interface • True-rms AC voltage and current for accurate measurements on complex signals or non-linear loads, 100kHz AC bandwidth specified • Current measurement 20A (30 seconds momentary; 10A continuous) • Peak capture to record transients as fast as 250µs • Continuity/Conductance/Capacitance • Resistance and continuity • CAT III 1000V/CAT IV 600V safety rated • Limited lifetime warranty

614-1061-ND (FLUKE-287)\$514.95



Fluke 287

TLK287 Electronics Master Test Lead Set

Features: • Precision electronic probes with multiple spring-loaded sharp tips maximize contact with SMD test points • Micro-grabbers and leads necessary for fine SMD test • Mini-alligator clips, grabbers and probes • Both modular test leads and lead-probe combinations

614-1064-ND (TLK287) RoHS Compliant\$114.95

Fluke 289 Industrial Logging Meter

Features: • 50,000 count, 320 x 240 Dot matrix display with white backlight • 0.025% Basic DC accuracy • Logging function with TrendCapture • Optical USB PC communication interface • Field upgradable and expandable • i-info button • Internal memory allows stand-alone logging for up to 180 hours • Multi-lingual interface • True-rms AC voltage and current for accurate measurements on complex signals or non-linear loads, 100kHz AC bandwidth specified • Current measurement 20A (30 seconds momentary; 10A continuous) • Peak capture to record transients as fast as 250µs • Continuity/Conductance/Capacitance • Resistance and continuity • LoZ Volts: Low input impedance prevents false reading due to "ghost" voltage • Low Pass Filter for accurate voltage and frequency measurements on adjustable speed motor drives • 50Ω range with 1 milliohm resolution, for measuring motor winding and making low ohm measurement • CAT III 1000V/CAT IV safety rated • Limited lifetime warranty

614-1062-ND (FLUKE-289)\$544.95

Fluke 289/FVF

Includes: • Fluke-289 True-rms Industrial Logging Multimeter with TrendCapture • FlukeView Forms Software and cable • 80BK-A thermocouple • TL 71 Silicon Test Lead Set • AC72 Alligator Clips • TPAK Magnetic Meter Hanger for hands-free operation • C280 Soft case for meter protection and accessory storage

614-1063-ND (FLUKE-289/FVF)\$615.95

TLK289 Industrial Master Test Lead Set

Includes: • SureGrip™ alligator clips, grabbers, hook clips and industrial test probes • Magnetic hanger • Temperature adapter with K-Type thermocouple • C116 Soft case with moveable divider • Recommended for use with Fluke 87V, 116, 179, 187, 189, 287, 289, 1587 DMMs

614-1065-ND (TLK289) RoHS Compliant\$114.95

FVF-SC2

FlukeView Forms Software and cable.

614-1067-ND (FVF-SC2) RoHS Compliant\$179.93

Insulation Resistance Testers and Multimeters



Fluke 1507/1503 Insulation Resistance Testers

Features: • Live circuit detection prevents insulation test if voltage >30V is detected for added user protection • Auto-discharge of capacitive voltage for added user protection • Save battery power with auto power off • Read measurements easily with large, backlit display • CAT IV 600V overvoltage category rating for added user protection • 1 year warranty

Specifications: • Resistance: 0.1Ω – 20.00kΩ • AC/DC voltage: 0.1V – 600V

Includes: • Remote probe • Test leads • Probes • Alligator clips



Fluke 1507



Fluke 1577

Fluke 1587/1577 Insulation Multimeters

Features: • Large display with backlight • Live circuit detection prevents insulation test if voltage >30V is detected for added user protection • Auto-discharge of capacitive voltage for added user protection • AC/DC voltage, DC millivolts, AC/DC milliamps, Resistance (Ω), Continuity • Filter for motor drive measurements (Fluke 1587 only) • Capacitance, Diode test, Temperature, Minimum/Maximum, Frequency (Hz) (Fluke 1587 only) • Auto power off to save battery power • CAT III 1000V, CAT IV 600V measurement category • 3 year warranty

Includes: • Remote probe • Test leads • Probes • Alligator clips • K-type thermocouple (Fluke 1587 only)

Insulation Test Range	Insulation Test Voltages	Digi-Key Part No.	Price Each	Fluke Part No.
0.01MΩ – 10GΩ	50V, 100V, 250V, 500V, 1000V	614-1013-ND	453.95	FLUKE-1507
0.1MΩ – 2000MΩ	500V, 1000V	614-1012-ND	342.95	FLUKE-1503
0.01MΩ – 2GΩ	50V, 100V, 250V, 500V, 1000V	614-1016-ND	621.95	FLUKE-1587
0.1MΩ – 600MΩ	500V, 1000V	614-1015-ND	502.95	FLUKE-1577

Fluke 1587/ET Advanced Electrical Troubleshooting Kit

Applications: • Use the Fluke 1587 to perform insulation tests plus a wide range of DMM tasks with confidence and ease • Use the Fluke i400 with the Fluke 1587 to accurately measure AC current without breaking the circuit • Check for hot spots and measure temperature with the Fluke 62 Mini non-contact thermometer

Includes: • Fluke 62 Mini Infrared Thermometer • Fluke i400 Current Clamp • Fluke 1587 Insulation Multimeter

614-1017-ND (FLUKE-1587 ET)\$794.95



Fluke 62



Fluke i400



Fluke 1587

Fluke 1587/MDT Advanced Motor and Drive Troubleshooting Kit

Applications: • Use the Fluke 1587 to perform insulation tests plus a wide range of DMM tasks with confidence and ease • Use the Fluke i400 with the Fluke 1587 to accurately measure AC current without breaking the circuit • Check the rotation of three-phase motors easily and safely with the Fluke 9040

Includes: • Fluke 9040 Phase Rotation Indicator • Fluke i400 Current Clamp • Fluke 1587 Insulation Multimeter

614-1018-ND (FLUKE-1587 MDT)\$887.95



Fluke 9040



Fluke i400



Fluke 1587