

FLUKE®

True-RMS Multimeter with Temperature

Features:

- True-rms AC voltage and current measurements • 4 1/2 digit mode for precise measurements • Large display digits and two-level bright white backlight for increased visibility • 10,000µF capacitance range • Measures up to 1000V AC and DC • Measures up to 10A, 20A for up to 30 seconds • Resistance, continuity and diode test • Frequency to 200kHz and % duty cycle • Minimum/Maximum/Average recording • Low Pass Filter for accurate voltage and frequency measurements on adjustable speed motor drives • Limited lifetime warranty • CAT IV 600V and CAT III 1000V electrical safety ratings

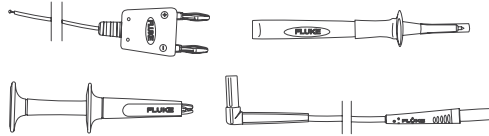
Includes:

- TL75 Test Leads • AC72 alligator clips • Holster • 9V battery installed • Temperature probe • CD-ROM User's manual

614-1042-ND (FLUKE-87-5) \$369.95



Industrial Electrician Combo Kit



Includes:

- Fluke 87V True-rms multimeter • AC220 SureGrip™ alligator clip set • C35 Lightweight soft accessory case • TL224 SureGrip silicone test lead set • 80BK-A Integrated DMM probe, type K • TP38 SureGrip Test lead set and probe set • TPAK Magnetic hanger

614-1043-ND (FLUKE-87-5/E2 KIT) \$419.95



Fluke 8808A 5.5 Digit Multimeters

Features:

- 5.5 Digit Resolution • Dual Display • Measures V DC/AC, I DC/AC, ohms, frequency, continuity, diode • Basic V DC accuracy of up to 0.015% • Minimum, Maximum, Relative, dB, dBm • 2x4 wire ohm measurement technique • Dedicated DC leakage current ranges • Six dedicated buttons for fast access to instrument setups • Hi/Lo limit compare for Pass/Fail testing • RS-232 interface

8808A/SU Includes:

- Fluke 8808A package • FlukeView Forms basic software • USB to RS-232 interface adapter cable

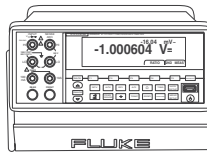
614-1068-ND 5.5 Digit Multimeter (8808A 120V) \$745.00

614-1069-ND 5.5 Digit Multimeter, SW USB Cable Kit (8808A/SU 120V) \$945.00

Fluke 8845A/8846A, 6.5 Digit Precision Multimeters

Features:

- 6.5 digit resolution • Basic VDC accuracy of up to 0.0024% • Dual display • 100µA - 10A current range, with up to 100pA resolution • Wide ohms range from 10Ω - 1GΩ with up to 10µΩ resolution • 2x4 wire ohm measurement technique • Measures frequency and period (Model 8846A also measures capacitance and temperature) • Graphical display • Trendplot™ paperless recorder mode, statistics and histogram • CAT I 1000V and CAT II 600V safety ratings



Fluke 8846A

614-1000-ND 6.5 Digit Precision Multimeter (8845A 120V) \$995.00

614-1001-ND 6.5 Digit Precision Multimeter, Software and Cable Included (8845A/SU 120V) \$1195.00

614-1002-ND 6.5 Digit Precision Multimeter, USB Memory (8846A 120V) \$1395.00

614-1003-ND 6.5 Digit Precision Multimeter, USB Memory, Software and Cable Included (8846A/SU 120V) \$1595.00

614-1004-ND 100Ω RTD Temperature Probe (884X-RTD) \$500.00

614-1057-ND Single Rack Mount Kit (Y8846S) \$95.00

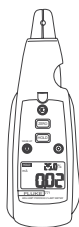
614-1056-ND Dual Rack Mount Kit (Y8846D) \$125.00

614-1005-ND USB to RS232 Cable Adapter (884X-USB) \$150.00

614-1053-ND 2x4 Wire Ohm Test Lead Probe (TL2X4W-PTII) \$75.00

Fluke 771/789 ProcessMeters™

Fluke 771 - Measure 4 - 20mA signals without breaking the loop with this new, compact clamp meter for PLC and control systems analog I/O. The detachable clamp with extension cable allows you to take measurements in tight locations, and the built-in spot light illuminates hard to see wires in dark enclosures. Count on best in class accuracy of 0.2%. Measure mA signals with 0.01mA resolution.



614-1074-ND \$449.00

Fluke 789 - The ultimate loop calibration multimeter. The Fluke 789 has a 24-Volt loop supply reducing the need for taking a separate power supply when doing off-line transmitter testing. And with its built-in, selectable 250Ω Hart® resistor, it also eliminates the need to carry a separate resistor with you.



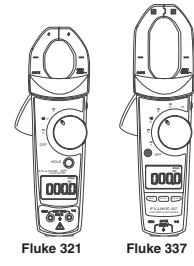
614-1075-ND \$795.00

Clamp Meters



Model	Fluke 321	Fluke 322	Fluke 333	Fluke 334	Fluke 335	Fluke 336	Fluke 337
AC Amps (A)	0 - 400	0 - 40 40 - 400	0 - 400	0 - 600	0 - 600	0 - 600	0 - 999.9
AC Response	Averaging	Averaging	Averaging	Averaging	True-rms	True-rms	True-rms
DC Amps (A)	—	—	—	—	—	0 - 600	0 - 999.9
AC Voltage (V)	0 - 400 0 - 600	0 - 400 0 - 600	0 - 600	0 - 600	0 - 600	0 - 600	0 - 600
DC Voltage (V)	—	0 - 400 0 - 600	0 - 600	0 - 600	0 - 600	0 - 600	0 - 600
Resistance (Ω)	0 - 400	0 - 400	0 - 600	0 - 600 601 - 6000	0 - 600 601 - 6000	0 - 600 601 - 6000	0 - 600 601 - 6000
Frequency (Hz)	—	—	—	—	—	—	5 - 400
Min/Max Record	No	No	No	No	No	No	Yes
Backlight	No	No	No	No	Yes	Yes	Yes
Auto Shut-Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inrush Mode	No	No	No	Yes	Yes	Yes	Yes
Safety Rating	600V CATIII	600V CATIII	600V CATIII	600V CATIII	600V CATIII	600V CATIII	600V CATIII
Warranty	2 year	2 year	3 Years	3 Years	3 Years	3 Years	3 Years

Digi-Key Part No.	Price Each	Fluke Part No.
614-1026-ND	102.95	FLUKE-321
614-1027-ND	111.95	FLUKE-322
614-1028-ND	150.95	FLUKE-333A
614-1029-ND	171.95	FLUKE-334A
614-1030-ND	231.95	FLUKE-335A
614-1031-ND	317.95	FLUKE-336A
614-1032-ND	368.95	FLUKE-337A



Fluke 321

Fluke 337

Fluke 50 Series II Thermometers



Fluke 50 Series II

Features:

- Relative time clock on MIN, MAX, and AVG provides a time reference for major events • Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy • Measures J, K, T and E-types of thermocouples • Readout in °C, °F or Kelvin (K) • Sleep mode increases battery life; 1000-hour battery life • 3 year warranty



Fluke 53 II

Fluke 53 Series II and 54 Series II

Features:

- Time of day clock on MIN, MAX, and AVG provides a time reference for major events • Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy • Measures J, K, T, E, N, R, and S-types of thermocouples • Readout in °C, °F, or Kelvin (K) • Sleep mode increases battery life; 1000-hour battery life • 3 year warranty • Large backlit dual display shows any combination of T1, T2 (52 and 54 only), T1-T2 (52 and 54 only), plus MIN, MAX, or AVG • Log up to 500 data points to internal memory • Recall function allows logged data to be easily reviewed on the meter display • Data can be exported to optional FlukeView Forms® Temperature PC software for further analysis and graphing

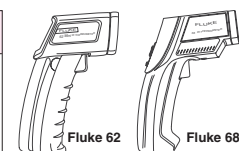
Digi-Key Part No.	Price Each	Fluke Part No.
614-1033-ND	222.00	FLUKE-51-2 60HZ
614-1034-ND	268.00	FLUKE-52-2 60HZ
614-1035-ND	313.00	FLUKE-53-2 60HZ
614-1036-ND	364.00	FLUKE-54-2 60HZ

Fluke 60 Series Handheld Infrared Thermometers



Model	Fluke 62	Fluke 63	Fluke 66	Fluke 68
Backlit Display	Yes	Yes	Yes	Yes
Temperature	-30°C - 500°C -20°F - 932°F	-32°C - 545°C -25°F - 999°F	-32°C - 600°C -25°F - 1100°F	-32°C - 760°C -25°F - 1400°F
MIN/MAX/AVG	MAX	MAX	All	All
Datalogging	N/A	N/A	Yes	Yes
Distance to Spot Ratio	10:1 at 80% energy	12:1	30:1	50:1
Optional RTD Probe	N/A	N/A	Yes	Yes
Emissivity	Fixed at 0.95	Fixed at 0.95	Digitally adjustable (from 0.1 - 1.0 by 0.01)	Digitally adjustable (from 0.1 - 1.0 by 0.01)

Digi-Key Part No.	Price Each	Fluke Part No.
614-1038-ND	99.51	FLUKE-62
614-1039-ND	247.00	FLUKE-63
614-1040-ND	460.00	FLUKE-66
614-1041-ND	581.00	FLUKE-68



Fluke 62

Fluke 68

More Product Available Online: www.digikey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

(T091) 2311

K

FLUKE®

Multipurpose Thermometers

Fluke 561

Applications:

- Multipurpose thermometer for heating, ventilation, air conditioning and refrigeration inspections

Specifications:

- Temperature: -40°C ~ 550°C (-40°F ~ 1022°F)
- Distance to Spot Size: 12:1
- Easy Emissivity Selector: Adjustable with three settings; Low (0.3), Medium (0.7), High (0.95)
- Laser Sighting: Single Point Laser

Includes:

- K-type thermocouple velcro pipe probe
- Durable hard case
- 2 AA batteries
- User's manual
- 2 year warranty

614-1037-ND (FLUKE-561) **RoHS Compliant** \$161.00



Fluke 566

Applications:

- Electrical, mechanical, plant, diesel and HVAC

Specifications:

- Temperature: -40°C ~ 650°C (-40°F ~ 1200°F)
- Distance to Spot Size: 30:01:00

Includes:

- 2 AA batteries
- Durable hard case
- 2 year warranty

614-1072-ND (FLUKE-566) \$379.00

Fluke 568

Applications:

- Electrical, mechanical, plant, diesel and HVAC

Specifications:

- Temperature: -40°C ~ 800°C (-40°F ~ 1470°F)
- Distance to Spot Size: 50:01:00

Includes:

- 2 AA batteries
- Durable hard case
- 2 year warranty

614-1073-ND (FLUKE-568) \$499.99

Test Equipment and Accessories

T+ and T+PRO Electrical Testers

Includes:

- Three ways to detect AC/DC voltage: Light, Sound, and Vibration
- 2 AAA alkaline batteries
- Extra heavy-duty test leads and probes (removable)
- Test lead strap for managing leads
- User's manual with safety information
- 2 year warranty

614-1047-ND 12V ~ 600V AC/DC (T+) **RoHS Compliant** \$51.95

614-1048-ND 10.2V ~ 600V AC/DC, 9.99kΩ Resistance (T+PRO) **RoHS Compliant** \$88.95



T+PRO

T+PRO-1AC Combo Kit

Includes:

- T+PRO Electrical tester
- Fluke 1AC II VoltAlert™ voltage detector

614-1049-ND (T+PRO-1AC KIT) **RoHS Compliant** \$103.95

Fluke T5 Voltage, Continuity and Current Testers

Features:

- Automatically measures volts AC and DC with precise digital resolution
- Displays resistance to 1000Ω
- Easy and accurate OpenJaw™ AC current measurement 100A
- Continuity beeper
- Auto off mode to conserve battery life
- 2 year warranty

614-1051-ND 600V AC/DC, CAT III (T5-600 USA) \$104.95

614-1050-ND 1000V AC/DC, CAT III (T5-1000 USA) \$130.95



T5-1000

Electrical Tester Kit

Includes:

- Fluke T5-1000 Electrical Tester • H5 Electrical Tester Holster
- Fluke 1AC II VoltAlert™ voltage detector

614-1052-ND (T5-H5-1AC KIT/USA) **RoHS Compliant** \$161.95

Fluke VoltAlert™

Fluke VoltAlert are CAT IV 1000V pocket-sized voltage detectors. When the tip glows red and the unit beeps, you know there's voltage present.



Fluke-1LAC-A-II

Electricians, maintenance, service, safety personnel and homeowners can quickly test for energized circuits in the workplace or at home.

614-1024-ND ACV Detector 90-1000V, Flat-tip (FLUKE-1AC-A1-II) **RoHS Compliant** \$25.25

614-1025-ND Low Voltage Detector 20-90VAC, Round-tip (FLUKE-1LAC-A-II) **RoHS Compliant** \$25.25

614-1008-ND Volt Alert, 5-pack, Flat-tip (FLK-1AC-A1-II-5PK) **RoHS Compliant** \$104.95

LVD2 Volt Light

Non-contact AC voltage detector and LED flashlight combined into one easy to use pen-style design.



Features:

- Detects from 90V ~ 600V AC
- Rated to CAT IV 600V
- Blue indicates proximity to AC voltage source
- Red indicates you're at the source
- Ultra-bright white LED
- AAA battery included

614-1045-ND (LVD2) \$30.85

Fluke 1550B MegOhmMeter

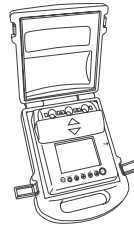
Features:

- Test voltages of 250V, 500V, 1000V, 2500V and 5000V
- Measures 0 ~ 1 TeraOhm
- Warning voltage function alerts the user that line voltage is present and gives the voltage reading up to 600V AC or DC
- Large digital/analog LCD shows detailed measurement data
- Cable or insulation capacitance
- Leakage current
- 99 memory locations store all measurement parameters
- Includes Quicklink 1550B software and optical interface cable
- 2 year warranty

Includes:

- Test leads and low leakage probes
- Alligator clips
- Interface adapter and cable
- FlukeView® Forms Basic 1550B PC software
- Line cord
- Soft carrying case with waterproof bottom
- User's manual CD with 12 languages
- Getting started guide

614-1014-ND (FLUKE-1550B) **RoHS Compliant** \$3432.95



i30/i30S AC/DC Clamp

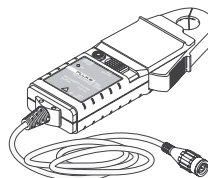
The i30 and i30S current clamps are based on Hall Effect technology for use in measurement of both DC and AC current. The i30 may be used in conjunction with multimeters, recorders, and other suitable recording instruments for accurate non-intrusive current measurement. The i30S may be used in conjunction with oscilloscopes and other suitable recording instruments for accurate non-intrusive current measurement.

Features:

- Maximum conductor size: 19mm diameter
- Current Range: 30mA ~ 30 A DC, 30mA ~ 20 A AC RMS
- Measuring Range: ±30A
- Accuracy (at 25°C): ±1% of reading ±2mA
- Frequency Range: DC to 20kHz (i30); DC to 100kHz (i30S)

614-1070-ND (i30) \$360.42

614-1071-ND (i30S) \$479.55



i400 AC Current Clamp

This clamp is compatible with most Fluke multimeters or any other current measurement device that accepts 4mm-shrouded banana plugs and has an AC milliamp range. The division ratio is 1000:1.

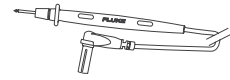
Features:

- Companion to your DMM to measure up to 400A AC
- 1mA/Amp output guarantees easy reading
- Only current clamp available with a CAT IV 600V/ CAT III 1000V safety rating
- Takes accurate current readings without breaking the circuit
- Soft non-slippery overmold handle prevents touching live wiring
- Maximum conductor diameter: 32mm

614-1044-ND (i400) \$116.96



TL71 Premium Test Lead Set



Features:

- One pair (red, black) comfort grip probes with silicone insulated, right-angle test leads
- CAT IV 600V, CAT III 1000V, 10A rating and UL Listed
- One year warranty

614-1054-ND (TL71) **RoHS Compliant** \$20.81

Replacement Fuses



Amp Rating	Voltage Rating	Digi-Key Part No.	Price Each	Fluke Part No.
440mA	1000	614-1083-ND	5.95	943121
		614-1077-ND	21.75	203414
630mA	250	614-1079-ND	8.80	871173
		614-1080-ND	13.94	871207
1A	600	614-1076-ND	40.35	203406
		614-1078-ND	8.00	803293
15A	600	614-1081-ND	23.29	871223
		614-1082-ND	9.20	892583

Note: For replacement fuse information, contact tech support

L210 Probe Light Kit

Features:

- Bright white LED illuminates contact area
- 8 inch probe extenders keep hands away from live circuits

Includes:

- L200 Probe Light
- TP280 Test Probe Extenders

614-1059-ND (L210) \$29.24

ToolPak™ Meter Hanging Kit

Features:

- Attaches to back of a 110/170/180 Series meter, 20/70-III with integrated holster (with adapter), 724/725 and 50 Series II
- One year warranty

Includes:

- 2 universal hanging clips • Hook and loop straps (2 lengths)
- Strong magnet

614-1055-ND (TPAK) **RoHS Compliant** \$31.87

Soft Cases

C25 Large Soft Case for DMMs

Features:

- Zippered carrying case with padding and inside pocket
- One year warranty

614-1006-ND (C25) **RoHS Compliant** \$29.80

C71 Soft Case for DMMs

Features:

- Includes adjustable padded space with movable Velcro divider for protection of two test tools
- One year warranty

614-1066-ND (C71) **RoHS Compliant** \$45.80

C90 Soft Case for DMMs

Features:

- Zippered carrying case with inside pocket and belt loop
- One year warranty

614-1058-ND (C90) **RoHS Compliant** \$28.53

C510 Leather Meter Case

Features:

- Oiled genuine top grain cowhide
- Rugged construction with heavy duty stitching and reinforced rivets
- Large tool belt loop and top flap to secure meter
- Holds most Fluke DMMs, Thermometers and Process Calibrators
- One year warranty

614-1007-ND (C510) **RoHS Compliant** \$51.61

Fluke MeterCleaner™ Wipes

MeterCleaner Wipes are pre-moistened with an industrial strength cleaning formula that removes surface dirt, oil and grease from your test tools.

614-1060-ND Six individually packaged wipes in a zip-lock bag (MC6) **RoHS Compliant** \$11.56

614-1046-ND Fifty individually packaged wipes in a paper box (MC50) **RoHS Compliant** \$69.24

More Product Available Online: www.digkey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380