

# FLUKE Test Equipment



## FLUKE 6.5 DIGIT MULTIMETER

**Features:**

- 6.5 digit resolution
- Basic Vdc accuracy of up to 0.0024% (1yr)
- Dual Display
- 100µA to 10A current range, with up to 100pA resolution
- Wide ohms ranges from 10Ω to 1GΩ with up to 10µΩ resolution
- 2x4Ω 4-wire measurement technique
- Both models measure frequency and period
- 8864A also measures capacitance and temperature
- USB memory drive port (8846A)
- Fluke 45 and Agilent 34401A emulation
- Graphical display
- Trendplot™ paperless recorder mode, statistics, histogram
- CAT I 100V, CAT II 600V



8846A

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-8845A	8845A	6.5 Digit Multimeter	995.00
676-8846A	8846A	6.5 Digit Multimeter with USB	1395.00

Accessories			
676-TL71	TL71	Premium Test Lead Set	21.65
676-TL80A	TL80A	Bascl Electronic Test Lead Kit	56.60
		2mm Probe Tip	
676-TL-2X4W-PTII	TL2X4W-PTII	2X4 Wire Ohms 1000V Test Leads	75.00
676-FVF-UG	FVF-UG	Flukeview® Forms Upgrade	96.45

## FLUKE 1577 / 1587 INSULATION MULTIMETER

The Fluke 1587 and 1577 Insulation Multimeters combine a digital insulation tester with a full-featured digital multimeter in a single, compact handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance. Like other tools that you have come to expect from Fluke, the 1587 & 1577 are rugged, reliable, and easy to use. Whether you work on motors, generators, cables, or switch-gear, the Fluke 1587/1577 Insulation Multimeters are ideally suited to help you with your tasks.

**Features:**

- Multifunction Vacuum Fluorescent Dual Display
- Provides maximum versatility for troubleshooting and preventative maintenance
- Ideal for work on motors, cables, and switchgear
- Large display with backlight
- Filter for motor drive measurements (1587 only)
- Insulation test (1577: 0.1MΩ to 600MΩ), (1587: 0.01MΩ to 2GΩ)
- Insulation test voltages (1587: 50V, 100V, 250V, 500V, 1000V), (1577: 500V, 1000V) for many applications
- 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 (0.1Ω-50MΩ), Continuity
- Capacitance, Diode Test, Temperature, Min/Max, Frequency (Hz) (1587 only)
- Auto power off to save battery power
- CAT III - 1000V, CAT IV - 600V measurement category

**Included Accessories:**

- Remote probe, test leads and probes, alligator clips, Rugged, utility case (K-type thermocouple - 1587 only)
- Made in USA • 3-year warranty



1577



1587

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1577	FLUKE-1577	Insulation Multimeter (0.1MΩ to 600MΩ)	502.95
676-1587	FLUKE-1587	Insulation Multimeter (0.01MΩ to 2GΩ)	621.95

Accessories			
676-TPAK	TPAK	ToolPak, Meter Hanging Kit	33.15
676-I400S	i400S	Clamp with Adapter	218.95
676-C25	C25	Soft Case	31.00

## FLUKE 1507/1503 INSULATION RESISTANCE TESTERS

The Fluke 1507 and 1503 Insulation Testers are compact, rugged, reliable, and easy to use. With their multiple test voltages, they are ideal for many troubleshooting, commissioning, and preventative maintenance applications. Additional features, like the remote probe on these tools save both time and money when performing tests.

**Features:**

- Insulation test range: 1507: 0.01 MΩ to 10 GΩ, 1503: 0.1 MΩ to 2000 MΩ
- Insulation test voltages: 1507: 50 V, 100 V, 250 V, 500 V, 1000 V, 1503: 500 V, 1000 V
- Save both time and money with Automatic calculation of Polarization Index and Dielectric Absorption Ratio (only available on the 1507)
- Make repetitive tests simple and easy with the 1507's Compare (Pass/Fail) function (only available on the 1507)
- Repetitive or hard-to-reach testing is easy with the remote test probe
- Live circuit detection prevents insulation test if voltage > 30 V is detected for added user protection

- Auto-discharge of capacitive voltage for added user protection
- AC/DC voltage: 0.1 V to 600 V
- 200 mA Continuity
- Auto power off
- CAT IV 600 V overvoltage category rating for added user protection
- Remote probe, test leads, probes and alligator clips included with each tester
- Accepts optional Fluke TPAK magnetic hanging system to free your hands for other work
- Four AA alkaline batteries (NEDA 15 A or IEC LR6) for at least 1000 insulation tests
- One year warranty
- Resistance: 0.01Ω to 20.0 kΩ
- Large backlit display

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1503	FLUKE-1503	Insulation Tester	342.95
676-1507	FLUKE-1507	Insulation Tester	453.95

Accessories			
676-TL225	TL225	Stray Voltage Adapter Test Lead Kit	86.10
676-TPAK	TPAK	Meter hanging Kit	33.15
676-C101	C101	Hard Case	47.65
676-C25	C25	Large Soft Case for DMM's	31.00



1503



1507

## FLUKE 8808A DIGITAL MULTIMETER

Versatile multimeter for manufacturing, development, and service applications

**Features:**

- 5.5 digit resolution
- Basic V DC accuracy of 0.01%
- Dual display
- Dedicated DC leakage current measurement
- 2x4Ω 4-wire measurement technique
- Six dedicated buttons for fast access to instrument setups
- Hi/Lo limit compare for pass/fail testing



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-8808A-120V	8808A-120V	5.5 Digit Multimeter	775.00
676-8808A/SU-120V	8808A/SU-120V	5.5 Digit Multimeter SW USB Cable Kit	985.00

## FLUKE 1587/MDT ADVANCED MOTOR & DRIVE TROUBLESHOOTING KIT

Everything you need to troubleshoot motor and variable frequency drive electrical problems quickly and easily in one case.

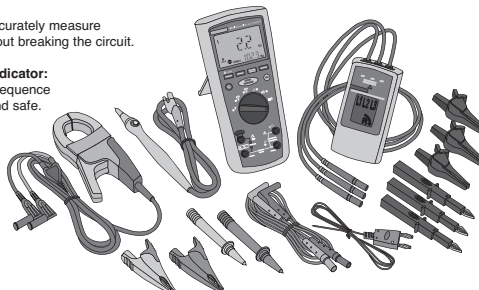
**Includes:**

**Fluke 1587 Insulation Multimeter-Two products in one:**  
Powerful insulation tester and full featured multimeter. Perform insulation tests, plus a wide-range of DMM tasks with confidence and ease.

**Fluke i400 Current Clamp:**  
Use your Fluke 1587 to accurately measure 1A AC to 400A AC current without breaking the circuit.

**Fluke 9040 Phase Rotation Indicator:**  
Check the rotation and phase sequence of three-phase motors easily and safe. The large display indicates for all three phases.

**Includes:** instruction manuals, test leads, alligator clips, test probes and remote test probe (for 1587)



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1587MDT	FLUKE-1587 MDT	Advanced Electrical Troubleshooting Kit	887.95

