

FLUKE Test Equipment

FLUKE®

FLUKE 43B POWER QUALITY ANALYZER

Features:

- Combines the most useful capabilities of a power quality analyzer, multimeter and scope
- Calculates 3-phase power on balanced loads, from a single-phase measurement
- Measures power harmonics, and captures voltage sags, transients and inrush current
- Monitoring functions help track intermittent problems and power system performance
- Menu use familiar electrical terminology
- Toggle through the most commonly used power quality modes with a single keystroke
- Records two selectable parameters for up to 16 days
- 20 measurement memories to save/recall screens and data with cursor readings
- FlukeView® Software can log harmonics and all other reading over time
- FlukeView® Software provides a complete harmonics profile up to the 51st harmonic
- Measures resistance, diode voltage drop, continuity, and capacitance
- Users / applications manual and power quality video to help answer tough questions
- Complete package with voltage probes and 500A current clamp, FlukeView Software and optically isolated interface cable
- 3 year warranty on the Fluke 43B, 1 year on accessories



MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part Number		
676—43B/003		Power Quality Analyzer	2762.00
676—TL220		SureGrip Alligator Clips	59.10
676—TLK-225		SureGrip Master Accessory Kit	117.00
676—TL224		SureGrip Insulated Test Leads	22.85
676—TL238		Test Lead Set for High Energy Environments	58.45
676—80TK		Thermocouple Module (Type K)	109.45

FLUKE 1550B MEGOHMMETER

Features:

- Test voltages of 250V, 500 V, 1000 V, 2500 V, and 5000 V
- Capable of testing in 50V increments between 250V and 1000V and 100V increments between 1000V and 5000V
- Measures 0 to 1 Tera-Ohm
- Warning voltage function alerts the user that line voltage is present and gives the voltage reading up to 600 V AC or DC
- Guard system eliminates the effect of surface leakage current on high-resistance measurements
- Large digital/analog LCD shows detailed measurement data
- Cable or insulation capacitance
- Leakage current
- Ramp function (0-5000 V DC) for breakdown testing
- Timer 1 to 99 minutes
- Polarization index and dielectric absorption calculated automatically
- 99 memory locations store all measurements parameters
- Includes Quicklink 1550B Software and Optical Interface cable
- Two year warranty



Included Accessories:

- Test leads and low-leakage probes
- Alligator Clips
- Interface adapter and cable
- Quicklink 1550B PC software
- Line cord
- Soft carrying case with waterproof bottom
- User's manual

676—1550B	Digital Insulation Tester	3432.95
676—TL223	Electrical Test Lead Set	59.10
676—TPAK	ToolPak, Meter Hanging Kit	33.15

FLUKE VOLTALERT 1AC-A1-II

Features:

- Fits in a shirt pocket for convenience
- All outer surfaces are non-conductive for safety
- Detects voltage without metallic contact
- Manufactured, printed and packaged in the US
- 1 yr. warranty
- 2 AA Batteries included
- VoltBeat Technology and continuous self test - so you know it's working

Specifications:

- Operating Range: 90Vac to 600Vac
- Operating Temperature: -10°C to 50°C (14°F to 122°F)



MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part Number		
676—1AC-A1-II		VoltAlert 1 AC-A1-II	25.95

FLUKE VOLT LIGHT

Non-Contact AC Voltage Detector & LED Flashlight

Features:

- Dual Sensitivity
- LED light with 100,000 hour light
- Detects from 90 to 600 Volts
- Rated to CAT IV 600V
- Dual Levels of Detection
- Blue indicates proximity to AC Voltage source
- Red indicates you're at the source
- Operating temperature 0 deg C to 50 deg C
- Ultra-Bright White LED
- 100,000 hr bulb
- AAA battery included



MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part Number		
676—LVD2		Volt Light	32.10

FLUKE 430 SERIES THREE-PHASE POWER QUALITY ANALYZERS

Features:

- Complete three-phase troubleshooting tool.
- AutoTrend
- System-Monitor
- Four channels: simultaneously measures voltage and current on all three phases and neutral
- Automatic transient display: captures up to 40 dips, swells, interruptions, or transients automatically.
- Meets the stringent 600 V CAT IV, 1000 V CAT III safety standard required for measurements at the service entrance.
- Rugged, handheld instrument operates for more than 7 hours on included rechargeable NiMH battery pack.
- Menu-driven interface simplifies operation.
- Extensive data analysis possibilities. Cursors and zoom can be used live while taking the measurements, or offline on stored measurement data. The stored measurements can also be transferred to a PC with FlukeView software (included with Fluke 434).
- Complete package includes everything to get started: 4 current clamps, 5 voltages test leads and clips, line adapter/battery charger and hard case.
- Complies with IEC 61000-4-30 measurement standards.
- 3 Year Warranty



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-435/003	435	Power Quality Analyzer 3 phase	7476.00
676-434/003	434	Power Quality Analyzer 3 phase	5343.00
676-I400S	I400S	AC Current Clamp	218.95
676-I400	I400	AC Current Clamp	121.65
676-TLS430	TLS530	Test Lead Set	93.60

FLUKE VR1710 VOLTAGE QUALITY RECORDER

Features:

- Fast and easy recording of voltage trends, dropouts and power quality
- Plug directly into the mains power socket and capture data
- Continuous recording of all values with no gaps
- Graphical summary of data and quick overview of key power quality parameters
- Min, Max, and Average RMS values
- Actual transient display with time stamp
- Easily identify if the problem is power quality or equipment related
- Statistical analysis of single phase voltage events
- Includes Powerlog software package for quick download, analysis and automatic recording.



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-VR1710	VR1710	Voltage quality- recorder	779.00

FLUKE T5 VOLTAGE, CONTINUITY AND CURRENT TESTERS

Features:

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000Ω
- Easy and accurate OpenJaw™ current measurement
- Continuity beeper
- Compact design with convenient probe storage
- Rugged enough to withstand a 10-foot (3m) drop
- Detachable SlimReach™ probe tips are customized for national electrical standards
- Test leads accept Fluke accessory test clips
- Available in 600V and 1000V models
- Can stay connected much longer than solenoid type tester
- Auto off mode to conserve battery life
- Optional holster attaches to a belt
- Two-year warranty
- 1 year calibration cycle



600V illustrated

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part Number		
676—T5-600		600V General Purpose Electrical Tester	104.95
676—T5-1000		1000V General Purpose Electrical Tester	130.95
676—T5-KIT		Access. Starter Kit: TP220 Probes, AC285 Alligator Clips, C33 Case	40.90