

ELECTRICAL/VOLTAGE TEST

MULTIMETERS

FLUKE 77 IV SERIES DIGITAL MULTIMETER

The Fluke 77 IV Digital Multimeter has the features needed to repair most electrical and electronic problems. This meter is simple to use and has significant improvements over Fluke's original 70 Series with more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.

- Large Display
- Free your hands with the optional TPAK magnetic hanger
- Min/Max to record signal fluctuations
- Ergonomic overmolded housing with integrated probe holders
- Auto and Manual ranging
- Meets Measurement Category 1000V CAT III and Category IV 600V safety standards

P/N	Description
Fluke 77 IV	Digital Multimeter for field service or bench repair. Includes Installed 9V battery, test lead set and user manual

FLUKE 115 FIELD SERVICE TECHNICIANS MULTIMETER

The Fluke 115 is a compact True-RMS Meter for field service technicians. It is the solution for a wide variety of electrical and electronic testing applications.

- Resistance, continuity, frequency and capacitance
- Measures 10 AC/DC current measurement (20A overload for 30 seconds)
- Compatible with optional magnetic hanger (ToolPak™)
- Min/Max/Average with elapsed time to record signal fluctuations

P/N	Description
Fluke 115	Multimeter. Includes Holster, Installed 9V battery, 4 mm silicone test lead set and user manual

FLUKE 179 MULTIMETER & TOOLPAK™ COMBO KIT

These two products are bundled together so they can be ordered with a single part number at a lower price than purchasing the items separately. Now you can get more out of your Fluke 179 Digital Multimeter with the ToolPak Magnetic Meter Hanging Kit.

- True-RMS AC voltage and current for accurate measurements on non linear loads
- Large digit display with analog bar graph
- Temperature and capacitance

P/N	Description
Fluke 179/TPAK	Fluke 179 Multimeter & ToolPak™ Combo Kit

FLUKE 117 ELECTRICIAN'S MULTIMETER WITH NON-CONTACT VOLTAGE

The Fluke 117 is a compact True-RMS Meter for commercial applications. It is the ideal meter for demanding settings like commercial buildings, hospitals and schools. The 117 includes integrated non-contact voltage detection to help get the job done faster.

- VoltAlert™ technology for non-contact voltage detection
- AutoVolt automatic AC/DC voltage selection
- True-RMS for accurate measurements on non-linear loads

P/N	Description
Fluke 117	Electrician's Multimeter with Non-Contact Voltage. Includes 4 mm silicone test lead set, Holster and user manual
Fluke 117/322 Kit	Fluke 117 True-RMS digital multimeter with non-contact voltage detection and Fluke 332 Compact clamp meter, TPAK Magnetic Meter Hanging Strap, TL75 Hard Point test lead set, and C115 Deluxe soft carrying case with shoulder strap

FLUKE 289 FLUKEVIEW FORMS COMBO KIT

Maximize productivity with the combined Fluke 289 and FlukeView forms combo kit. With built-in data logger and TrendCapture capability, the 289 helps you track down elusive, intermittent problems, monitoring equipment with any of its functions while you do other jobs. Overlay your logged data from six meters or six time periods to find cause and effect relationships or for condition monitoring applications in FVF software. Turn your data into meaningful graphs and tables for a professional report. The 289/FVF combo kit gives you a practical and affordable approach to predictive maintenance.

P/N	Description
Fluke-289/FVF	Includes Fluke-289 True-RMS Industrial Logging Multimeter with TrendCapture, FlukeView Forms Software and cable, 80BK-A Temperature probe, TL 71 Silicon Test Lead Set, AC72 Alligator Clips TPAK Magnetic Meter Hanger for hands-free operation, Soft case for meter protection and accessory storage

FLUKE®



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FLUKE 80 SERIES V DIGITAL INDUSTRIAL MULTIMETERS

- Unique function for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment (87V)
- Built-in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument (87V)
- Optional magnetic hanger for easy set-up and viewing while freeing your hands for other tasks
- Large digit display with bright, two-level backlight makes the 80-Series V significantly easier to read than older models

P/N	Description
Fluke 83V	Multimeter
Fluke 87V	Multimeter
Fluke 87V/E2 Kit	Industrial Electrician Combo Kit

Please check with your TVC representative or www.tvcinc.com for details on each unit.



TRILITHIC XPro DIGITAL MULTIMETER

The XPro Digital Multimeter is designed and engineered for your daily use for electrical testing. Measure AC/DC voltage, AC/DC Current, Resistance, Capacitance, Temperature, Frequency, Transistor, Diode and Continuity. The multimeter features a convenient large LED screen with full icon display, data hold, sleep mode and full range overload protection. The XPro Digital Multimeter comes complete with battery, test lead, point contact temperature probe and multi-purpose socket.

- Overload Protection
- Data hold
- Sleep Mode
- Easy-to-read LCD

P/N	Description
2011332000	XPro Digital Multimeter

XFTP
TRILITHIC



TRILITHIC XPro Lite PALM-SIZE DIGITAL MULTIMETER

The XPro Lite Digital Multimeter is an ideal tool for electrical maintenance. Measure AC/DC voltage, AC/DC Current, Resistance, Temperature, Diode and Continuity. The multimeter features a convenient large LED screen and data hold function. The XPro Lite Multimeter comes complete with battery, test lead, and point contact temperature probe.

- Data hold
- Easy-to-read LCD

P/N	Description
2011331000	XPro Lite Digital Multimeter



AMPROBE 5XP-A COMPACT DIGITAL MULTIMETER WITH VOLTECT™

The 5XP-A Digital Multimeter provides superior features and accuracy in a smaller form factor. The 5XP-A has unique features such as VolTect™ non-contact voltage detection and our exclusive Magne-Grip™ holster that frees both hands for work. The 5XP-A is the right choice for residential, commercial and general troubleshooting applications.

- Display 3-1/2 digit liquid crystal display (LCD) with a maximum reading of 1999
- Polarity Automatic, positive implied, negative polarity indication
- Operating Environment 0°C to 50°C at <70% R.H.
- Stated accuracy at 23°C ± 5°C, <75% relative humidity

P/N	Description
5XP-A	Compact Digital Multimeter

AMPROBE®



AMPROBE 15XP-B DIGITAL MULTIMETER VOLTECT™ NON-CONTACT VOLTAGE DETECTION

Amprobe 15XP-B is the right choice for electronics engineers and field service technicians, featuring TTL logic test for digital circuits, diode test for component level troubleshooting, a special 2000MΩ measurement range, and an integrated tilt stand for convenience on the bench.

- Autoranging display for faster measurements
- TTL logic test for digital circuits
- Integrated tilt stand for easy bench use
- 750V AC / 1000V DC—highest voltage rating in this size of meter
- Special 2000MΩ measurement range

P/N	Description
15XP-AB	Digital Multimeter



ELECTRICAL/VOLTAGE

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AMPROBE 30XR-A MANUAL RANGING DIGITAL MULTIMETER

For non-contact voltage testing, Amprobe 30XR-A Digital Multimeter offers Voltect™ non-contact voltage technology built into the 30XR-A along with a full complement of measurement functions.

- Non-contact voltage detector
- Separate door for easy battery and fuse access
- Manual Ranging; Display: 3-1/2 digit LCD, 1999 counts
- Display Update Rate: 2.5/sec, nominal
- Power Battery: 9V NEDA 1604, JIS 006P, IEC 6F22
- Operating Temperature: 0°C to 45°C at < 70% R.H

P/N	Description
30XR-A	Manual Ranging Digital Multimeter



AMPROBE 33XR-A MANUAL RANGING DIGITAL MULTIMETER

The 33XR-A is a manual ranging digital multimeter with temperature and capacitance for field service technicians.

- Min/Max, Relative, Peak and Data Hold
- Auto power off to save battery life
- Separate door for easy battery and fuse access
- Magne-Grip™ Holster with magnetic hanging strap
- Display: 3-3/4 digit LCD, 3999 counts with 41-segment analog bar graph
- Display update rate: 2/sec, nominal
- Overrange indication

P/N	Description
33XR-A	Manual Ranging Digital Multimeter



AMPROBE 34XR-A TRUE RMS DIGITAL MULTIMETER

The 34XR-A is a True RMS Digital Multimeter with temperature and backlight for contractors and field service technicians.

- Autoranging; Display: 3-3/4 digit LCD, 3999 counts with 41-segment analog bar graph
- Display Update Rate: 2/sec, nominal
- Operating Temperature: 0°C to 45°C at < 70% R.H
- True RMS digital multimeter with temperature and backlight
- Overrange indication

P/N	Description
34XR-A	True RMS Digital Multimeter



AMPROBE 35XP-A DIGITAL MULTIMETER

The compact 35XP-A Digital Multimeter offers all the right features for HVAC and plant maintenance. It measures temperature, plus capacitance for motor run/start test, and offers 0.1µA resolution for flame sensor testing.

- Temperature measurement capability to 1000°C/1832°F (Type K thermocouple included)
- 750V AC/1000V DC - highest voltage rating in this class of meter
- Capacitance for motor run/start test
- 0.1µA resolution for flame sensor testing
- Frequency to 1 MHz
- Resistance to 40MΩ

P/N	Description
35XP-A	Digital Multimeter



AMPROBE 37XR-A TRUE RMS DIGITAL MULTIMETER

The 37XR-A is a True RMS digital multimeter with component and logic test for troubleshooting electronics at the bench or on the job site.

- True RMS with component and logic test
- Inductance to 40 H, frequency to 40 MHz, capacitance to 400 µF, logic to 20 MHz
- Input warning tone when test leads are in wrong jack
- 10 Amps AC/DC, fully safety fused

P/N	Description
37XR-A	True RMS Digital Multimeter



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AMPROBE 38XR-A TRUE RMS DIGITAL MULTIMETER W/OPTICAL PC INTERFACE

The 38XR-A is a True RMS digital multimeter with optical PC interface for engineers designing and troubleshooting industrial automation and control systems.

- Backlight, True RMS with optical PC interface
- Frequency to 10 MHz, capacitance to 400 μ F, temperature to 2372°F
- 10 Amps AC/DC, fully safety fused
- Continuity beeper

P/N	Description
38XR-A	True RMS Digital Multimeter with Optical PC Interface



AMPROBE HD110C/HD160C HEAVY-DUTY DIGITAL MULTIMETERS

The HD110C is designed for professional use in harsh environments. The meter is unusually rugged and reliable in everyday heavy use applications. The meter is made using waterproof construction to prevent dirt, grime and moisture from entering the case and causing inaccurate readings or damaging shorts.

Built of tough, fire-retardant thermoplastic resistant to grease and chemical spills, with all sensitive components shock-mounted for a drop resistance to at least eight feet. HD110C has an extended voltage measurement capability of 1500V DC and 1000V AC, unmatched by any other line of digital multimeters. The extended voltage ranges can withstand transients up to 12kV.

Model HD160C has an extended voltage measurement capability of 1500V DC and 1000V AC, unmatched by any other line of digital multimeters. The extended voltage ranges can withstand transients up to 12kV.

- Highest voltage capability, measuring to 1500V DC and 1000V AC
- Cat IV 1000V rated
- Special sealing for environment and water resistance. IP67 rated
- Constructed with drop-resistant housing and PCB mounting

P/N	Description
HD110C	Heavy-Duty Digital Multimeter
HD160C	Heavy-Duty Digital Multimeter with True-RMS



GREENLEE DM-200A DIGITAL MULTIMETER

- Auto and manual ranging
- Non-contact and single-probe voltage detection
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- High visibility 6000 count LCD display
- Auto power off, display backlight, analog bar graph
- PC interface capability using optional USB RS-232 cable with data recording PC software

P/N	Description
DM-200A	Digital Multimeter
DM-210A	Digital Multimeter. Capacitance and temperature measurement capability



GREENLEE DML-430A DIGITAL LOGGING METER

- Auto and manual ranging
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- Capacitance and Dual-input temperature measurement capability
- Low impedance mode
- AutoCheck™ feature provides automatic selection of AC volts, DC volts or resistance with low impedance for ghost voltage elimination
- True RMS (AC + DC)
- Peak (crest) hold; Min, Max
- Data Logging Capability: 87,000 points stored single channel, 43,000 points stored dual channel
- Intelligent auto-power off, display backlight, analog bar graph
- PC interface capability using optional USB RS-232 cable with data recording PC software

P/N	Description
DML-430A	Digital Logging Meter



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GREENLEE DM-510A PROFESSIONAL PLANT DIGITAL MULTIMETER

- Auto and manual ranging
- Non-contact and single-probe voltage detection
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- Capacitance and temperature measurement capability
- Low impedance mode
- AutoCheck™ feature provides automatic selection of AC volts, DC volts, or resistance with low impedance for ghost-voltage elimination
- True RMS
- PC interface capability using optional USB RS-232 cable with data recording PC software



P/N	Description
DM-510A	Professional Plant True RMS Digital Multimeter

GREENLEE DM-8X0A DIGITAL MULTIMETERS

- Auto and manual ranging
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- Capacitance measurement capability. DM-830A also has Dual-input Temperature measurement capability
- Intelligent auto-power off, display backlight, analog bar graph
- True RMS
- PC interface capability using optional USB RS-232 cable with data recording PC software
- DM-830A: AutoCheck™ feature provides automatic selection of AC volts, DC volts or resistance with low impedance for ghost voltage elimination



P/N	Description
DM-810A	Professional Plant True RMS Digital Multimeter
DM-820A	True RMS Digital Multimeter. Non-contact and single probe voltage detection
DM-830A	True RMS Digital Multimeter with AutoCheck™ feature

ELECTRICAL/VOLTAGE

KLEIN TOOLS MULTIMETERS

The MM100 features battery test function and includes test leads and battery. Measures AC/DC voltage - 600V and DC current - 10A.

The MM1000 is an auto ranging voltage measurement multimeter. Measures AC/DC Voltage - 1000V and AC/DC Current - 10A. Features analog bar graph and includes thermocouple, test leads and battery.

The MM200 is an auto ranging voltage multimeter. Measures AC/DC Voltage - 600V, AC/DC Current - 10A and capacitance, temperature and frequency.

The MM2000 is an Electrician's/HVAC TRMS Multimeter. Features a backlit display, analog bar graph and low impedance. Measures AC/DC Voltage - 1000V and AC/DC Current - 10A. Includes thermocouple, test leads and batteries.

P/N	Description
MM100	Manual Ranging Multimeter
MM1000	Electrician's Multimeter
MM200	Auto Ranging Multimeter
MM2000	Electrician's/HVAC TRMS Multimeter



MEGGER AVO410 TRUE RMS MULTIMETER

The Megger AVO410 digital multimeter has been designed for the contracting electrician and has the additional features that also make the instrument suitable for wide range of applications and users.

- 6000 count backlit digital display
- True RMS reading on AC mode
- 1000V DC / 750V AC ranges
- 10A AC/DC ranges
- Resistance, frequency and capacitance ranges
- Cat IV 600V safety rating

P/N	Description
1001-613	AVO410 Digital Multimeter



ELECTRICAL/VOLTAGE TEST

CLAMP-ON MULTIMETERS

FLUKE 321/322 CLAMP METERS

The Fluke 321 and 322 are designed to verify the presence of load current, AC voltage and continuity of circuits, switches, fuses and contacts. These small and rugged clamp meters are ideally suited for current measurements up to 400A in tight cable compartments. The Fluke 322 also offers DC voltage measurements and has a higher resolution for loads below 40A.

- New smaller size fits easily into tight places
- Precise measurements with 1.8% basic accuracy
- Resolution up to 0.01A and 0.1V
- Measures AC current to 400A
- Measures AC volts to 600V
- Measures DC volts to 600V (Fluke 322 only)
- Resistance measurement to 400Ω
- Continuity for quick checking of shorts
- Automatic low battery indicator

P/N	Description
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Fluke 321	Clamp Meter
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Fluke 322	Clamp Meter
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All models include: (2) AAA Alkaline batteries, Instruction card, Safety information sheet, Soft carrying case and Test leads.

FLUKE®



Fluke321

Fluke322

FLUKE 374 TRUE RMS AC/DC CLAMP METER

The Fluke 374 True RMS Clamp Meter can read up to 600V and 600A in both AC and DC modes. Additionally, the 374 is compatible with the new iFlex flexible current probe (sold separately), which increases the measurement range to 2500A AC and provides increased display flexibility, and improved wire access.

- iFlex flexible current probe (sold separately) expands the measurement range to 2500A AC while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- Cat IV 600V, Cat III 1000V
- Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it
- Ergonomic design fits in your hand and can be used while wearing personal protective equipment
- Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement

P/N	Description
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Fluke 374	True RMS AC/DC Clamp Meter. Includes Coated instruction card, Safety information sheet, Soft carrying case, TL75 test leads and Two AA Alkaline batteries
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ELECTRICAL/VOLTAGE

MEGGER DCM340 CLAMP METER

The DCM340 is a highly versatile instrument and ideal for use in the installation, maintenance, monitoring or checking of AC or DC electrical systems and equipment.

The DCM340 is safety rated to IEC 61010-1 Cat III 60V, and is drop-tested to 1.2 m onto a hard floor. It is supplied with test leads and a carry case, and a full 1-year manufacturers warranty.

- DC and AC current and voltage
- 600A and 600V
- Resistance and continuity
- 3 ½ digit, 4000 count display with backlight
- High resolution digital bargraph
- Peak, min/max and data-hold functions
- Zero-offset REL mode for comparative measurements
- Supplied complete with test leads and carry case
- IEC61010 Cat III 600V

P/N	Description
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1000-305	DCM340 Digital Clamp Meter; 600A AC and DC; 600V AC and DC; 400Ω; 400 Hz
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Megger®



ELECTRICAL/VOLTAGE TEST

CLAMP-ON MULTIMETERS



AMPROBE ACD-10 PLUS CLAMP-ON MULTIMETER

Amprobe's ACD-10 PLUS meter offers thinner jaws over standard clamp meters. Allowing access to tight measurement areas and still accommodating conductors up to 25 mm. It also measures capacitance and frequency. Frequency is measured by either jaws or test leads. Very versatile clamp multimeter.

- AC and DC Voltage to 600V
- AC Current to 600A
- Thin Jaws, only 10 mm (0.4") thick
- Resistance to 40MΩ

P/N	Description
ACD-10 PLUS	600A Clamp-On Multimeter



AMPROBE ACD-10 TRMS-PLUS 600A CLAMP-ON MULTIMETER

The ACD-10 TRMS-PLUS Meter offers thinner jaws over standard clamp meters. Allowing access to tight measurement areas and still accommodating conductors up to 25 mm. Also measure Capacitance and Frequency. Frequency is measured by either jaws or test leads. True RMS version for noisy measurement environments for a more accurate reading.

- AC and DC Voltage to 600V
- AC Current to 600A
- Resistance to 40MΩ

P/N	Description
ACD-10 TRMS-PLUS	600A Clamp-On Multimeter TRMS



AMPROBE ACDC-100 DIGITAL CLAMP-ON MULTIMETER

The ACDC-100 offers superior AC/DC measurement capabilities, highest product quality and enhanced ergonomics with Red, Rubber, Ribs™ design. The TRMS version addresses needs of professionals who rely on performance and reliability.

- Large, easy to read LCD display
- Auto and manual ranging
- Relative zero mode

P/N	Description
ACDC-100	AC/DC Digital Clamp-On
ACDC-100 TRMS	TRMS AC/DC Digital Clamp-On



AMPROBE ACD-15 TRMS-PRO 2000A DIGITAL CLAMP-ON MULTIMETER WITH VolTect™

The ACD-15 TRMS-PRO offers a wide range of measuring features built into one, professional meter. The TRMS version with backlight display, improves performance and reliability.

- TRMS and Backlight Screen
- Non-contact Voltage Level Detection
- Diode Test
- Audible continuity

P/N	Description
ACD-15 TRMS PRO	2000A Digital Clamp-On Multimeter TRMS



GREENLEE CM-450 TRUE RMS CLAMP METER

- AC amperage, AC/DC voltage measurement
- True RMS for the most accurate measurement where harmonics are present
- Resistance measurement
- Audible continuity test
- Auto power off for longer battery life
- Data hold to capture measurements

P/N	Description
CM-450	AC Clamp-On Meter, True RMS



ELECTRICAL/VOLTAGE TEST



CLAMP-ON MULTIMETERS

KLEIN TOOLS CLAMP-ON METERS

The CL100 features a backlit display and worklight. Tests diode and continuity. Includes case, test leads and batteries.

The CL1000 is a non-contact voltage tester. Features a backlit display, worklight and analog bar graph. Includes case, test leads and batteries.

The CL1100 is an auto-ranging clamp meter that measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature. Includes case, test leads, thermocouple and batteries.

The CL200 measures temperature, frequency and capacitance. Features diode and continuity test. Includes case, thermocouple, test leads and batteries.

The CL2000 is a True RMS clamp-on non-contact voltage tester that measures DC current. Features a backlit display and worklight and analog bar graph.

The CL2100 is an auto-ranging clamp meter that measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle, and temperature. Also tests non-contact voltage, diodes and continuity. Includes case, test leads, thermocouple and batteries.

The CL3000 is an open jaw current measurement clamp-on meter. Measures capacitance and frequency. Includes case, test leads and battery.

The CL3100 is designed specifically for hook current measurement for tight areas. Automatically selects current or voltage measurement. Includes case, test leads and battery.



P/N	Description
CL100	600A AC Clamp Meter
CL1000	400A AC Clamp Meter
CL1100	400A AC Clamp with Temperature
CL200	600A AC Clamp Meter with Temperature
CL2000	400A AC/DC True RMS Clamp Meter
CL2100	400A AC/DC True RMS Clamp with Temperature
CL3000	200A AC Fork Meter
CL3100	200A Hook Meter

ELECTRICAL/VOLTAGE

CIRCUIT BREAKER LOCATOR



KLEIN TOOLS DIGITAL CIRCUIT BREAKER FINDER

Quickly, accurately, and automatically find the corresponding circuit breaker of any 120V standard outlet. Features flashing arrow indicator for easy identification and a strong transmitter that reaches distances up to 1,000 feet.

Manufactured for 90 - 120V operation. Microprocessor controlled for more reliable identification. Does not require interruption of service; power can be left on.

P/N	Description
ET300	Digital Circuit Breaker Finder



distribution

TVC's unique position in the market, including its long standing relationships with key manufacturers, allows us to stock and deliver the products where and when our customers need it. With automated inventory management, vendor managed inventory programs, emergency order expediting, and regionally stocking facilities, TVC delivers 98% on-time and claim free shipments per day with a 99% same day fulfillment rate.

ELECTRICAL/VOLTAGE TEST

VOLTAGE DETECTORS

FLUKE
networks

FLUKE NETWORKS C9970 SERIES VOLTAGE DETECTOR

These Voltage Detectors detect AC and DC voltages through a long-life carbide tip, which is protected by a plastic cap when not in use. To use the Voltage Detector, you simply place the carbide tip on the object in question, press the magnetic trigger, and observe the LEDs. If the green LED illuminates, the surface being touched is free from electrical hazards. If the red LED flashes, dangerous voltage is present.

P/N	Description
C9970	Voltage Detector and Probe Cap
C9973	Voltage Detector Kit. Includes Voltage Detector, probe cap, storage bag, temporary bond, ground cord and handbook
C9974	Voltage Detector Kit with Test Probe



GREENLEE GT-12 NON-CONTACT SELF-TESTING VOLTAGE DETECTOR

- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires and cables or to find a break in a wire
- Designed and Assembled in the USA
- Automatic self-test verifies the integrity of the unit
- Bright LED's and audible alarm sound if voltage is present
- Silent-mode feature for use in quiet settings
- Safe, non-contact voltage detection
- Automatically turns off after five minutes of non-use to conserve battery life
- Low battery indicator

GREENLEE
COMMUNICATIONS
A Teledyne Company

P/N	Description
GT-12	Non-Contact Self-Testing Voltage Detector



GREENLEE GT-16 ADJUSTABLE NON-CONTACT VOLTAGE DETECTOR

- Adjustable to safely detect power and low voltage
- Safely detects AC voltage without touching the bare conductor
- Adjustable for use on power wiring plus lighting, thermostats and other low voltage circuits
- Use to detect voltage in outlets, lighting fixtures, wires and cables
- Finds breaks in wires
- Identifies hot and neutral conductors
- Low battery Indication

P/N	Description
GT-16	Adjustable Non-Contact Voltage Detector



ELECTRICAL/VOLTAGE

TELCO SALES, INC. FVD FOREIGN VOLTAGE DETECTOR WITH LEATHER POUCH

The FVD tests for potentially hazardous AC voltage that may be encountered by communications technicians.

P/N	Description
FVD/FVDP	Foreign Voltage Detector with Leather Pouch

FVD/FVDP



FLUKE 1AC A1 II VOLTALERT

The next generation VoltAlert™ AC non-contact Voltage Testers from Fluke are easy to use — just touch the tip to a terminal strip, outlet, or supply cord. When the tip glows red and the unit beeps, you know there's voltage present. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits in the workplace or at home.

- Voltbeat™ technology and continuous self-test — so you always know it's working
- Upon detection, tip glows and beeper sounds
- Cat IV 1000V for added protection
- Expanded range: 90V to 1000V AC or 200V to 1000V AC depending on model
- 20V to 90V AC control circuit model also available

P/N	Description
Fluke 1AC A1 II	AC Voltage Detector 90-1000V Flat-tip

FLUKE®



ELECTRICAL/VOLTAGE TEST

VOLTAGE DETECTORS

FLUKE®

FLUKE T5 VOLTAGE, CONTINUITY AND CURRENT TESTERS

The Fluke T5 Electrical Testers let you check voltage, continuity and current with one compact tool. With the T5, all you have to do is select volts, ohms, or current and the tester does the rest. OpenJaw™ current lets you check current up to 100A - without breaking the circuit. Its tough test leads stow neatly in the back of the tester, making it easy to tote the T5 in your tool pouch. Detachable SlimReach™ test probes are customized for national electrical standards. The test leads accept optional accessories such as clips and specialty probes. Available in 600V and 1000V models.

P/N	Description
Fluke T5-1000	1000V Voltage, Continuity and Current Tester
Fluke T5-600	600V Voltage, Continuity and Current Tester

All models include 4 mm detachable probes and Instruction sheet.



KLEIN TOOLS NON-CONTACT VOLTAGE TESTERS

The NCVT-1 is non-contact detection of voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires. High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace. When voltage is detected, a high intensity, bright red LED illuminates and a warning tone sounds. Cat IV 1000V rating provides expanded operation and protection. 50 to 1000V AC power operating range allows broad application. Package contains insert card with integrated owner's manual and 2 AAA 1.5 volt batteries.

The NCVT-2 automatically detects and indicates low voltage (12-48V AC) and standard voltage (48-1000V AC) allowing broad application. Non-contact detection of standard voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets and wires. Non-contact detection of low voltage in security, entertainment, communications, environmental control, and irrigation systems. Cat IV 1000V rating provides expanded operation and protection.

P/N	Description
NCVT-1	Non-Contact Voltage Tester
NCVT-2	Dual Range Non-Contact Voltage Tester

KLEIN TOOLS® 150th ANNIVERSARY

NCVT-1



NCVT-2



KLEIN TOOLS ELECTRONIC VOLTAGE TESTER

The ET series Electronic Voltage Testers featuring solid state design is safer than solenoid testers and indicates voltage without battery. Low impedance to reduce false readings. Voltage indicated by lights, vibration and tone.

P/N	Description
ET100	Electronic Voltage Tester
ET200	Electronic Voltage/Continuity Tester with continuity beeper and bright work light



ET200

ELECTRICAL/VOLTAGE

DIGITAL EARTH CLAMPS

Megger®

MEGGER DET14C AND DET24C DIGITAL EARTH CLAMPS

The DET14C and DET24C represent a new generation of earth/ground clamp-on resistance testers. These instruments induce a test current into earth systems and measure ground resistance in multi-ground installations without needing to disconnect the ground. They offer market leading access, advanced features, simple operation and Cat IV 600V safety protection.

- Elliptical clamp shape improves access to earth cables and straps up to 50 mm
- Low maintenance flat jaw interface
- Measures ground resistance from 0.05Ω to 1500Ω
- Measures True RMS ground leakage current from 0.5 mA RMS to 35A RMS

P/N	Description
1000-761	DET14C Digital earth test clamp-on meter
1000-762	DET24C Digital earth test clamp-on meter

Included accessories for DET14C and DET24C: Carrying case, Carrying strap (wrist loop), User guide CD-ROM, Calibration check, and Battery AA (Alkaline) (4 required).

Included accessories for DET24C: USB IrDA dongle and PowerDB Lite software.



DET14C



DET24C

ELECTRICAL/VOLTAGE TEST

GROUND LOOP TESTERS

FLUKE 1630 EARTH GROUND CLAMP METER

The clamp-on ground testing technique used by the Fluke 1630 Clamp Meter simplifies ground loop testing and enables non-intrusive leakage current measurement. The compact and rugged design makes the Fluke 1630 easy to use in small places and harsh environments, while the 'display hold' and the continuity testing with an audible alarm function ensures convenience in use. The novel technique means that earth ground loop testing and continuity testing can be completed without breaking the circuit.

- A wide ground loop resistance range, from 0.025Ω to 1500Ω, to satisfy all requirements
- Large jaw opening of 35 mm (1.38 in) for tests on ground conductors and/or equipotential bus bars
- Measurement of ground leakage current, from 0.2 mA to 1000 mA, without needing to disconnect - ideal for system troubleshooting
- Wide AC current measurement range from 0.2A to 30A allows one instrument for multiple applications

P/N	Description
Fluke 1630	Earth Ground Clamp Meter. Includes Rugged carrying case with shoulder strap, Resistance test loop, 9V battery, User's manual included

FLUKE®



GREENLEE CMGRT-100 GROUND RESISTANCE TESTER

Reads ground resistance down to 0.10Ω.

- Fully autoranging with data hold to capture readings
- Convenient alarm and 99-point memory functions
- Measures up to 30A RMS ground or leakage current
- Measures currents down to 1mA
- Accessories included: (1) 9V battery, molded carrying case, test resistance loop

P/N	Description
CMGRT-100	Ground Resistance Measurement 0.10 to 1200Ω Ground/Leakage Current Measurement 299mA; 2.999A, 29.99A Display 3-3/4-digit LCD, 2999-count Jaw Opening 1.25" (32 mm) Measurement Category Cat III, 150V per UL 3111-1

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A Tulsco Company



ELECTRICAL/VOLTAGE

POWER QUALITY ANALYZER

FLUKE 430 SERIES THREE-PHASE POWER ANALYZER

These three-phase power quality meters help you locate, predict, prevent and troubleshoot problems in power distribution systems. These easy-to-use power quality tools are a must have for any person who maintains or troubleshoots three phase power. The new IEC Class A standards for flicker and power quality are built right in to take the guess work out of power monitoring.

- Complete three-phase troubleshooting tool measures virtually every power system parameter: voltage, current, frequency, power, power consumption (energy), unbalance and flicker, harmonics and inter-harmonics. Captures events like dips and swells, transients, interruptions and rapid voltage changes
- Logger function can record the detail you need. Detailed, user-configurable long-time recording gives you the MIN, MAX and AVG readings of up to 100 parameters on all 4 phases with selectable averaging time down to 0.5 seconds. Enough memory is available to record 400 parameters with 1 minute resolution for up to a month
- Four channels simultaneously measures voltage and current on all three phases and neutral

P/N	Description
Fluke 435	Power Quality Analyzer (three-phase) with Logger Function. Includes C435 Water-tight hard case with rollers, 4 current clamps, i430-Flex-4pk, Cat IV 600V, 5 Test leads, 4 black, 1 green; BC430 Battery Charger Eliminator, SW43W FlukeView Software, Power Log Software, OC4USB Optical Cable for USB, WC100 Color localization set, and User Manual (CD-ROM)
Fluke 435/Basic	Includes the Fluke 435 and the accessories listed above, except for 4 current clamps, i430-Flex-4pk
Fluke 434	Power Quality Analyzer (three-phase). Includes C430 Hard carrying case, 4 current clamps, i400s, Cat IV 600V; 5 Test leads, 4 black, 1 green; BC430 Battery Charger Eliminator, SW43W FlukeView Software. OC4USB Optical Cable for USB, WC100 Color localization set, and User Manual (CD-ROM)
Fluke 434/Basic	Includes the Fluke 434 and the accessories listed above, except for 4 current clamps; i400s
Fluke 434/LOG	Upgrade Kit: Adds the Logger Function of the 435 to the 434

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