



Precision, Specialty and Innovation

# ELECTRICAL

## Clamp Meters



**CMR35 SYSTEM**  
U.S. Patent No. 7,075,289 B2

### WIRELESS 600V TRMS CLAMP METER/ DATA LOGGING SYSTEM ETL CAT III 600V

Ideal for process/power plant operators, HVAC/R contractors, TRMS, building maintenance technicians.

#### FEATURES

- Collects data from up to six clamp meters/transmitters (available as options) operating on different channels
- Software displays four windows: A main monitor (dashboard), separate tabular and graphic displays of up to six logs, and a running estimate of monitored equipment's power cost
- Excel-formatted software facilitates USB data transfers to PC for storage and display
- Wireless range of up to 333 ft. (100m) with no obstructions
- Simultaneous Max, Min, and Hold functions
- Hi or Lo audible alarm for voltage or current level
- Adjustable transmission span (extends battery life)
- Clamp meter also operates in standalone mode
- Standard USB computer interface

- ◆ Current Measurement Range/Accuracy: 0 to 600A (AC or DC)/1% plus 5 counts
- ◆ Resistance Measurement Range: 0 to 40M $\Omega$
- ◆ Frequency Measurement Range: 0 to 100kHz
- ◆ Transmission Span: 2, 10, 30, 60 or 120 seconds (user-selectable)
- ◆ Input Impedance: 10M $\Omega$
- ◆ Continuity Threshold: 100 $\Omega$  or less
- ◆ Diode Check Voltage: 1.5V (open circuit)
- ◆ Safety Rating: CAT III 600V
- ◆ Power Source (CMR35T, CMR35AT): 2 "AA" batteries or external 3VDC supply @ 10 mA
- ◆ Power Source (CMR35R, CMR35AR): 2 "AA" batteries or external 3VDC supply @ 10 mA
- ◆ Dimensions (CMR35T, CMR35AT): 8.66(L) x 2.52(W) x 1.38(H) in. (220 x 64 x 35mm)
- ◆ Dimensions (CMR35R, CMR35AR): 7.05(L) x 2.83(W) x 1.26(H) in. (179 x 72 x 32mm)
- ◆ Weight (CMR35T, CMR35AT): 8.85 oz. (251g)
- ◆ Weight (CMR35R, CMR35AR): 6.24 oz. (177g)

#### SPECIFICATIONS

**CMR35T Wireless Clamp Meter-Transmitter/  
CMR35R Wireless Controller Data Logger-Receiver:**

- ◆ Transmission/Reception Frequency: CMR35: 910MHz / CMR35A: 912.4MHz
- ◆ Wireless Range: Up to 333 ft. (100m) with no obstructions
- ◆ Sampling Rate: 3x/sec (not transmitting); 1x/sec (transmitting)
- ◆ Operating Temperature/Humidity: 14° to 122°F (-10° to 50°C)/80% R.H. max
- ◆ Storage Temperature/Humidity: -4° to 140°F (-20° to 60°C)/70% R.H. max
- ◆ LCD Size (CMR35T, CMR35AT): 1.77(H) x 1.04(W) in. (45 x 26.5mm)
- ◆ LCD Size (CMR35R, CMR35AR): 2.05(H) x 1.14(W) in. (52 x 29mm)
- ◆ Jaw Opening: 30mm (1.18 in.)
- ◆ Voltage Measurement Range/Accuracy: 0 to 600V (AC or DC)/0.75% plus 3 counts
- ◆ Voltage Measurement Resolution: 0.001V

UPC	NO.	RECEPTION FREQUENCY
01448 6	<b>CMR35</b>	910MHz
01487 5	<b>CMR35T</b>	910MHz
01488 2	<b>CMR35R</b>	910MHz
01496 7	<b>CMR35A</b>	912.4MHz
01536 0	<b>CMR35AT</b>	912.4MHz
01537 7	<b>CMR35AR</b>	912.4MHz



RECEIVER  
CMR35R

TRANSMITTER  
CMR35T



## AUTO RANGING AC/DC TRUE RMS 400 AMP CLAMP METER

### FEATURES

- 11 functions, 34 ranges
- Computes and displays True RMS values
- CAT III 600V and CATII 1000V ETL certified
- Measures AC/DC voltage, AC/DC current, resistance, capacitance and frequency
- Also measures temperature with included "K" type thermocouple
- Verifies integrity of diodes and checks circuits for continuity
- Jumbo 3-3/4 digit (4000 count) backlit LCD + analog bar graph
- Hall effect clamp jaw
- Autoranging or manual ranging
- Ergonomic design with rugged rubber housing
- Data hold, zero offset buttons

### SPECIFICATIONS

- ◆ AC Current Measurement Range/Accuracy: 0 to 400A/±(3% + 10 digits)
- ◆ AC Voltage Measurement Range/Accuracy: 0 to 600V/±(2% + 10 digits) or better
- ◆ DC Current Measurement Range/Accuracy: 0 to 400A/±(3% + 5 digits)
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 600V/±(0.8% + 5 digits)
- ◆ Resistance Measurement Range/Accuracy: 0 to 40MΩ/±(2% + 5 digits) or better
- ◆ Capacitance Measurement Range/Accuracy: 0 to 4000μF/±(4% + 5 digits)
- ◆ Frequency Measurement Range/Accuracy: 0 to 9.999MHz/±2%
- ◆ Temperature Measurement Range/Accuracy: -40° to 752°F (-40° to 400°C) ±(1.2% + 6 digits) from 32° to 212°F
- ◆ Dimensions: 11.38 x 6.25 x 2.75 in. (289 x 159 x 70mm)
- ◆ Weight: 19 oz. (539g)
- ◆ Power Source: 3 "AAA" batteries (included)
- Includes:** • "K" type thermocouple  
• Test leads • Batteries  
• Carrying case • User's manual

UPC NO.  
01369 4 DAMP68

## AUTO RANGING 600A AC CLAMP METER

### FEATURES

- 7 functions, 20 ranges
- Measures AC and DC voltage, AC current, resistance and frequency
- Verifies integrity of diodes and checks circuits for continuity
- Cat III 600V and CAT II 1000V ETL certified
- Jumbo 3-1/2 digit (2000 count) backlit LCD
- Autoranging
- Ergonomic design with rugged rubber housing
- Max memory, data hold buttons
- Coil-type clamp jaw

## KEY FEATURES & SPECS COMPARISON

Feature or Specification		DAMP68	DAMP60
Parameters Measured		AC/DC voltage, AC/DC current, resistance, frequency, capacitance, temperature	AC/DC voltage, AC current, resistance, frequency
AC Current Range		0 to 400A	0 to 600A
DC Current Range		0 to 400A	N/A
True RMS Voltage & Current Readings		Yes	No
Resistance Range		0 to 40MΩ	0 to 20MΩ
Frequency Range		0 to 9.999MHz	10Hz to 1999Hz
Capacitance Range		0 to 4000μF	N/A
Temperature Range		-40° to 752°F (-40° to 400°C)	N/A
Clamp Jaw	Type	Hall effect	Coil-type
	Opening	1.2 in. (31mm)	1.1 in. (28mm)
Display	Maximum Count	4000	2000
	Analog Bar Graph	Yes	No
Ranging Options		Auto or manual	Autoranging only
Zero Offset		Yes	No
Memory		No	Maximum value
Power Source		Two "AAA" batteries	Three "AAA" batteries



DAMP68



DAMP60

### SPECIFICATIONS

- ◆ AC Current Measurement Range/Accuracy: 0 to 600A/±(3% + 5 digits)
- ◆ AC Voltage Measurement Range/Accuracy: 0 to 600V/±(1% + 5 digits)
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 600V/±(0.8% + 5 digits)
- ◆ Resistance Measurement Range/Accuracy: 0 to 20MΩ/±(2% + 5 digits) or better
- ◆ Frequency Measurement Range/Accuracy: 0 to 9.999MHz/±(3% + 10 digits)
- ◆ Dimensions: 11.25 x 6.13 x 2.75 in. (286 x 156 x 70mm)

- ◆ Weight: 17 oz. (482g)
- ◆ Power Source: 2 "AAA" batteries (included)
- Includes:** • Test leads  
• Batteries  
• Carrying case  
• User's manual

UPC NO.  
01356 4 DAMP60

DAMP206

**DIGITAL 1000A CLAMP METER**

Ideal for maintaining and repairing plant equipment or HVAC/R systems.

**FEATURES**

- 10 Functions - 34 Ranges
- Backlight and jaw light
- Also measures frequency, temperature and capacitance
- Data hold and rel. mode
- Diode test and continuity beeper
- Manual or auto ranging
- Jumbo 4 digit display
- Low battery indicator

**SPECIFICATIONS**

- ◆ AC Voltage Measurement Range/Accuracy: 0 to 600V/±(1.2% + 5 digits)
- ◆ AC Current Measurement Range/Accuracy: 0 to 1000A/±(2% + 5 digits)
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 600V/±(0.8% + 1 digit)

- ◆ Resistance Measurement Range/Accuracy: 0 to 40MΩ/±(1% + 2 digits)
- ◆ Temperature Measurement Range/Accuracy: -40° to 1832°F (-40° to 1000°C)/ ±(1% of reading +3 digits)
- ◆ Jaw Opening: 1.57 in. (40mm)
- ◆ Dimensions: 10.2 x 4.1 x 2 in. (260 x 104 x 51mm)
- ◆ Power Source: 1 "9V" and 1 "AAA" battery (included)

- Includes:**
- Soft case
  - All weather test leads
  - Temperature probe
  - Batteries

UPC	NO.
50026 2	DAMP206

ACL10

**15A AC LINE SPLITTER**

Makes it possible to attach a clamp multimeter to a line carrying up to 15 AC Amps without separating its conductors.

**FEATURES**

- Improves safety by eliminating the need to separate (and thereby damage) AC line cords in order to measure current using a clamp multimeter
- Two clamp positions/sensitivities: x1 for direct readings; x10 for low-current measurements
- Includes voltage check outlet

**SPECIFICATIONS**

- ◆ Maximum Line Voltage/Current: 120 VAC/15 Amps
- ◆ Coil Opening: 1.0 x 1.0 in.
- ◆ Operating Temperature: 14° to 140°F (-10° to 60°C) @ <80% relative humidity
- ◆ Weight: 3.53 oz. (100g)

UPC	NO.
01521 6	ACL10

## WIRELESS DATA LOGGING MULTIMETER WITH DUAL 7-SEGMENT LCD PLUS NCV/NCC - (GT310)

## WIRELESS DATA LOGGING MULTIMETER WITH DOT MATRIX LCD PLUS NCV/NCC - (GT320)

Ideal for making electrical measurements more safely from a distance using patented wireless data-link communication protocol.

### FEATURES GT310/GT320

- Measures AC/DC voltage, AC/DC current, resistance and capacitance
- Also tests diodes and checks for continuity
- Includes non-contact AC voltage and current sensors with audible alarm
- CAT III 1000V and CAT IV 500V certified
- Wirelessly interfaces to computer or optional RD330 (recording) or RD340 (non-recording) remote monitor up to 33 ft. (10m) away
- Large backlit 3-3/4 digit (4000 count) LCD: 2-row, 7-segment (GT310); graphical dot-matrix (GT320)
- Excel/Access-formatted data logging software is available
- Includes fused test leads; red lead includes fast-acting ceramic fuse

### SPECIFICATIONS GT310/GT320

- ◆ AC Voltage Measurement Range/Accuracy: 0 to 750V/±0.6% of reading ± 3 digits from 0 to 400V; ±1% of reading from 400 to 750V
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 1000V/±0.5% of reading ± 2 digits from 0 to 400V; ±1% of reading from 400 to 1000V
- ◆ AC Current Measurement Range/Accuracy: 0 to 400mA/±0.15% of reading ± 5 digits
- ◆ DC Current Measurement Range/Accuracy: 0 to 400mA/±0.12% of reading ± 3 digits
- ◆ Resistance Measurement Range/Accuracy: 0 to 40MΩ/from ±0.7% to ±2% of reading (depends on scale)

- ◆ Capacitance Measurement Range/Accuracy: 0 to 100uF/from ±3% to ±10% of reading (depends on scale)
- ◆ Non-Contact AC Voltage Detection Range: 50V to 1000V
- ◆ Non-Contact AC Current Detection Range: 100mA to 1000A
- ◆ Wireless Link Type/Frequency: Half-duplex/2.4 GHz
- ◆ Wireless Range/Channel Options: 33 ft. (10m)/10 channels
- ◆ Maximum Line Voltage/Current: 120VAC/15A
- ◆ Clamp Jaw Opening: 0.98 x 0.98 in. (25 x 25mm)
- ◆ Operating Temperature: 14° to 140°F (-10° to 60°C) @ <80% R.H.
- ◆ Dimensions: 7.09 x 3.74 x 2.13 in. (180 x 95 x 54mm)
- ◆ Weight (w/out battery): 15.9 oz. (450g)
- ◆ Power Source: (1) "9V" battery

- Includes:**
- RD330 or RD340 wireless module
  - Fused test leads
  - 1 "9V" battery
  - Carrying case
  - User's manual

UPC	NO.
01507 0	<b>GT310</b>
01508 7	<b>GT320</b>
01509 4	<b>RD330</b>
01531 5	<b>TL330</b> Fused Test Leads
01529 2	<b>GTFS10</b> Data Logging Software (optional)

GT310  
Patented



GT320  
Patented

RD330

## WIRELESS DIGITAL MULTIMETER WITH REMOTE CONTROL DISPLAY

Ideal for making electrical measurements more safely from a distance.

### FEATURES

- Same as for GT320 above, with this exception:
- Dot-matrix display slides off to become a wireless data receiver/transmitter. In transmitter mode, satellite unit can be used to change settings on main unit

### SPECIFICATIONS

- ◆ Same as for GT310/GT320 above
- Includes:**
  - RD330 or RD340 wireless module
  - Fused test leads
  - 1 "9V" battery
  - Carrying case
  - User's manual

UPC	NO.
01535 3	<b>GT520</b>
01509 4	<b>RD330</b>
01531 5	<b>TL330</b> Fused Test Leads
01529 2	<b>GTFS10</b> Data Logging Software (optional)



GT520

## MANUAL RANGING DIGITAL MULTIMETER W/BACKLIGHT

Easy to use, with large bright display.

### FEATURES

- Measures AC voltage, AC/DC current, resistance
- Also checks continuity and diode integrity
- CAT III 600V ETL rated
- Large backlit 3-1/2 digit (1999 count) LCD
- High-impact thermoplastic case

### SPECIFICATIONS

- ◆ AC Voltage Measurement Range/Accuracy: 0 to 500V over two ranges/±(2.5% + 5 digits)
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 500V over five ranges/±(1.2% + 2 digits)
- ◆ DC Current Measurement Range/Accuracy: 0 to 200 mA over four ranges/±(1.8% + 2 digits)

- ◆ Resistance Measurement Range/Accuracy: 0 to 2MΩ over 5 ranges/±(1.5% + 2 digits)
- ◆ Digit Height: 0.68 in. (17mm)
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C)
- ◆ Dimensions: 5.5 x 3.4 x 1.3 in. (140 x 85 x 34mm)
- ◆ Weight: 6.5 oz. (184g) with battery
- ◆ Power Source: 1 “9V” battery (included)

**Includes:** • Test leads, • Battery, • User’s manual

UPC	NO.
50122 1	DMM40

DMM40



## DIGITAL MULTIMETER—AUTO RANGING W/BACKLIGHT

Easy to use, with large bright display.

### FEATURES

- Measures AC/DC voltage, AC/DC current, resistance
- Also measures temperature with included “K” type thermocouple probe
- Also checks continuity and diode integrity
- Auto ranging
- CAT III 600V ETL rated
- Large backlit 3-1/2 digit (1999 count) LCD
- High-impact thermoplastic case

### SPECIFICATIONS

- ◆ AC Voltage Measurement Range/Accuracy: 0 to 500V/±(0.8% + 5 digits)
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 500V/±(0.5% + 5 digits)
- ◆ AC Current Measurement Range/Accuracy: 0 to 200 mA/±(1.8% + 3 digits)

- ◆ DC Current Measurement Range/Accuracy: 0 to 200 mA/±(1.8% + 2 digits)
- ◆ Resistance Measurement Range/Accuracy: 0 to 20MΩ/±(0.8% + 5 digits) under 1MΩ; ±(2% + 5 digits) above 1MΩ
- ◆ Temperature Measurement Range/Accuracy: -40° to 752°F (-40° to 400°C)/±(1.2% + 7 digits) from 32°F to 212°F
- ◆ Digit Height: 0.63 in. (16mm)
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C)
- ◆ Dimensions: 5.5 x 3.4 x 1.3 in. (140 x 85 x 34mm)
- ◆ Weight: 6.5 oz. (184g) with battery
- ◆ Power Source: 2 “AAA” batteries (included)

**Includes:** • “K” type probe, Test leads, Batteries, User’s manual

UPC	NO.
50123 8	DMM45

DMM45



## ANALOG MULTIMETER

Economical, old-school instrument gets the job done.

### FEATURES

- Measures AC/DC volts, DC current, resistance
- 13 Ranges
- Fuse and diode protected
- Single knob function and range selector switch
- Self-storing leads
- UL listed

### SPECIFICATIONS

- ◆ AC/DC Voltage Measurement Range: 0 to 500V
- ◆ DC Current Measurement Range: 0 to 250mA
- ◆ Resistance Measurement Range: 0 to 1MΩ
- ◆ Dimensions: 4 x 2.5 x 0.75 in. (102 x 64 x 19mm)
- ◆ Power Source: 1 “AA” battery (included)

**Includes:** • Test leads  
• Battery

UPC	NO.
50005 7	AM35UL

UL US  
AM35UL



## DIGITAL UL LISTED MULTIMETER

### FEATURES

- Measures AC/DC voltage, DC current, resistance, continuity, diode integrity
- 20 ranges
- Economical and pocket-sized
- Large LCD display
- Safety-recessed test lead sockets
- High-impact thermoplastic case
- UL listed

### SPECIFICATIONS

- ◆ AC Voltage Measurement Range/Accuracy: 0 to 600V/±2.5%
- ◆ DC Voltage Measurement Range/Accuracy: 0 to 600V/±2%
- ◆ DC Current Measurement Range/Accuracy: 0 to 10A/±1%
- ◆ Resistance Measurement Range/Accuracy: 0 to 20MΩ/±1.5%
- ◆ Power Source: 1 “9V” battery (included)

**Includes:** • Test leads  
• Battery

UPC	NO.
50121 4	DMM20UL

DMM20UL



## DIGITAL CREDIT CARD STYLE MULTIMETER

Fits in shirt pocket.

### FEATURES

- Measures AC/DC voltage, AC/DC current, resistance, continuity, diode integrity
- 25 ranges
- Large 2000-count LCD
- Data hold + max hold
- Low battery indicator
- Auto power off

### SPECIFICATIONS

- ◆ AC Voltage Measurement  
Range/Accuracy: 0 to 500V/±(0.8% + 1 digit)
- ◆ DC Voltage Measurement  
Range/Accuracy: 0 to 500V/±(0.5% + 5 digits)
- ◆ AC/DC Current Measurement Range/Accuracy:  
0 to 200mA/±(1.8% + 5 digits)
- ◆ Resistance Measurement Range/Accuracy:  
0 to 20MΩ/±(0.8% + 5 digits) < 1MΩ,  
±(2% + 5 digits) > 1MΩ

- ◆ Input Impedance (in DCV mode): 10MΩ
- ◆ Operating Temperature: 32° to 140°F  
(0° to 60°C) @ <75% relative humidity
- ◆ Dimensions:  
4.5 x 2.3 x 0.5 in. (115 x 58 x 12mm)
- ◆ Weight: 3 oz. (84g)
- ◆ Power Source: 2 "LR44" batteries (included)

**Includes:** • Test leads  
• Batteries  
• User's manual

UPC	NO.
50105 4	DMM333



DMM333

## DIGITAL SERVICE MULTIMETER

HVAC/R, Industrial uses.

### FEATURES

- Measures AC/DC voltage, AC/DC current, resistance, continuity, diode integrity, transistor hFE (current gain)
- 34 overload-protected ranges
- Jumbo 3-1/2-digit (1999 count) LCD
- Protective boot with 3-position tilt stand
- Low battery alert



### SPECIFICATIONS

- ◆ AC Voltage: 200mV to 750V
- ◆ DC Voltage: 200mV to 1000V
- ◆ AC Current: 200μA to 10A (6 Ranges)
- ◆ DC Current: 20μA to 10A (7 Ranges)
- ◆ Resistance: 200Ω to 200MΩ (7 Ranges)
- ◆ Power Source: 1 "9V" battery (included)

**Includes:** • All weather test leads  
• Rubber Holster  
• Battery

UPC	NO.
50190 0	DMM51FSG



DMM51FSG

## ECONOMY DIGITAL MULTIMETER WITH LED AND CONTINUITY BEEPER

Provides electrical readings economically.

### FEATURES

- Measures AC/DC voltage, DC current, resistance, continuity, diode integrity, transistor hFE (current gain)
- 20 ranges
- 3-1/2-digit LCD
- Red LED identifies hot side lead
- Ground disconnect check circuit



### SPECIFICATIONS

- ◆ DC Current Measurement Range/Accuracy:  
0 to 10A/±(2% + 2 digits) or better
- ◆ Resistance Measurement Range/Accuracy:  
0 to 2MΩ/±(1% + 2 digits)
- ◆ Input Impedance: 10MΩ for all ranges
- ◆ hFE Measurement Range: 0 to 1000
- ◆ Display Digit Height: 0.5 in. (13mm)
- ◆ Operating Temperature: 32° to 122°F  
(0° to 50°C) @ <80% relative humidity
- ◆ Dimensions:  
5.2 x 2.8 x 1.0 in. (132 x 70 x 25mm)
- ◆ Weight: 4.9 oz. (140g)
- ◆ Power Source: 1 "9V" battery (included)

**Includes:** • Test leads • Battery  
• Operating instructions

UPC	NO.
50100 9	DMM830HS



DMM830HS



## AUTOMATIC DIGITAL CAPACITOR TESTER

### FEATURES

- Wide measurement range
- Uses precision dual slope A/D converter
- Alligator clip leads for in-circuit testing
- Fast sampling time
- 3-1/2-digit (1999 count) LCD
- Fuse-protected from overloads
- Low battery indication

### SPECIFICATIONS

- ◆ Measurement Range: 0 to 20mF over 9 ranges
- ◆ Measurement Accuracy:  $\pm(0.5\% + 1 \text{ digit})$  or better below 20uF;  $\pm(5\% + 5 \text{ digits})$  or better above 20uF
- ◆ Sampling Time: 0.4 seconds
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C) @ <75% relative humidity
- ◆ Dimensions: 5.3 x 2.8 x 1.4 in. (135 x 71 x 36mm)
- ◆ Weight: 7.1 oz. (201g)
- ◆ Power Source: 1 "9V" battery (included)
- Includes:
  - Alligator clip test leads
  - Soft case
  - Battery
  - User's manual

UPC NO.  
50192 4 CAP1500



CAP1500



MSV250



## 3-IN-1 LED STUD/VOLTAGE/METAL DETECTOR

Ideal for locating studs, objects/wires carrying voltage, hidden metal.

### FEATURES

- Uses four low-power LEDs and beeper to indicate direction and position of stud, batten, metal object or wiring
- Detects/distinguishes between metal pipes/tubes and wires
- Also distinguishes between battens and studs
- Simultaneously detects studs, metal and wiring
- Needs no probe

### SPECIFICATIONS

- ◆ Dimensions: 6.1 x 2.6 x 1.3 in. (155 x 65 x 32mm)
- ◆ Weight: 6.3 oz. (178g)
- ◆ Power Source: 1 "9V" battery (not included)
- Includes: • User's manual

UPC NO.  
01276 5 MSV250

## DIGITAL 3-IN-1 LCD STUD/VOLTAGE/METAL DETECTOR

Ideal for locating studs, pipes, wires carrying voltage and hidden metal.

### FEATURES

- Uses four low-power LEDs and beeper to indicate direction and position of stud, batten, metal object or wiring
- Detects/distinguishes between metal pipes/tubes and wires
- Also distinguishes between battens and studs
- Simultaneously detects studs, metal and wiring
- Needs no probe

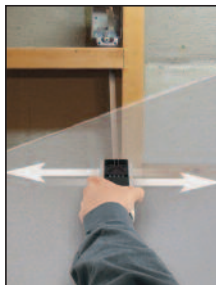
### SPECIFICATIONS

- ◆ Dimensions: 6.1 x 2.6 x 1.3 in. (155 x 65 x 32mm)
- ◆ Weight: 6.3 oz. (178g)
- ◆ Power Source: 1 "9V" battery (not included)
- Includes:
  - User's manual

UPC NO.  
01275 8 MSV350D



MSV350D





## CIRCUIT ANALYZER

Ideal for checking wall outlets.

### FEATURES

- Detects faulty wiring in 3-wire receptacles
- Different combinations of three lights indicate six different fault types
- Designed for 120VAC circuits

UPC	NO.
01359 5	CT300



c US  
CT300

## 3 WIRE TESTER WITH GFCI

Ideal for checking wall outlets.

### FEATURES

- Detects faulty wiring in 3-wire receptacles with ground fault circuit interrupters
- Different combinations of three lights indicate six different fault types
- Designed for 120VAC circuits
- UL listed

UPC	NO.
51067 4	GF1302



c US  
GF1302

## ECONOMY SCREWDRIVER TESTER

Checks for hot side of outlet.

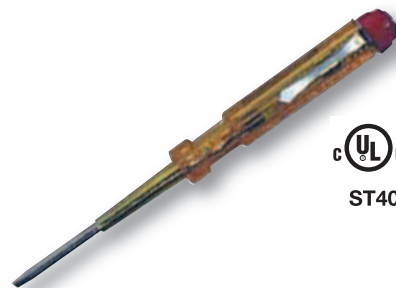
### FEATURES

- Works on 110V or 220V systems
- Clips into your shirt pocket
- No battery needed

### SPECIFICATIONS

- ◆ Measurement Range: 90 to 250VAC
- ◆ Dimensions: 9.625 x 3.25 in. (244 x 83mm)
- ◆ Weight: 1 oz. (27g)

UPC	NO.
51005 6	ST400



c US  
ST400

## BRIGHT RED LED SCREWDRIVER TESTER

Checks for continuity, voltage.

### FEATURES

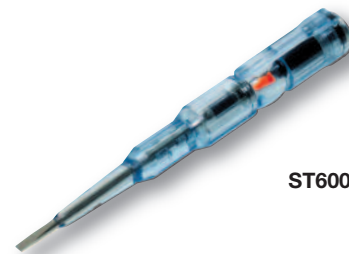
- Bright red LED indicates hot side and continuity
- Continuity and polarity checks
- Microwave leakage test
- Checks fuses and bulbs
- Drop-resistant to 10 ft.



### SPECIFICATIONS

- ◆ AC Voltage Test Range: 70 to 250V (contact method); 70 to 600V (non-contact method)
- ◆ DC Voltage Test Range: 0 to 250V
- ◆ Continuity Test Range: 0 to 50MΩ
- ◆ Polarity Test Range: 1.5 to 36VDC
- ◆ Microwave Leakage Test: >5mW/cm<sup>2</sup>
- ◆ Power Source: 1 "LR44" battery (included)

UPC	NO.
51115 2	ST600LED



ST600LED



CT101



### LINE VOLTAGE TESTER

Ideal for checking outlet wiring.

#### FEATURES

- Easy to use
- Insulated probes
- Handy pocket clip
- UL Listed



#### SPECIFICATIONS

- ◆ AC/DC Voltage Measurement Range: 80 to 500V
- ◆ Maximum Current: 0.3A
- ◆ Lead Thickness: 18 Gauge
- ◆ Weight: 1.6 oz. (45g)

UPC	NO.
51025 4	CT101



CT102



### LOW VOLTAGE TESTER

Ideal for checking doorbell transformers and low voltage relays.

#### FEATURES

- Easy to use
- Insulated boots
- Alligator clips
- Handy pocket clip

#### SPECIFICATIONS

- ◆ AC/DC Voltage Measurement Range: 5 to 50V
- ◆ Maximum Current: 5A
- ◆ Lead Thickness: 20 Gauge
- ◆ Weight: 1.6 oz. (45g)

UPC	NO.
51035 3	CT102

CT103



### MULTI-VOLTAGE TESTER

Checks for voltage levels and hot wires.

#### FEATURES

- Indicates presence of one of four common voltages
- Handy pocket clip

#### SPECIFICATIONS

- ◆ Working Voltages: 110V, 220V, 277V, 460V
- ◆ Maximum Current: 1.3A
- ◆ Lead Thickness: 20 Gauge
- ◆ Weight: 2.6 oz. (73g)

UPC	NO.
51045 2	CT103



VS3000A



### AUDIBLE/VISUAL NON-CONTACT VOLTAGE TESTER, UL LISTED

Ideal for isolating voltage breaks in lines.

#### FEATURES

- Indicates presence of voltage from 50 to 1000VAC (ETL CAT III) or 50 to 600VAC (ETL CAT IV)
- Measures potential from hot wire to ground



#### SPECIFICATIONS

- ◆ Frequency Range: 50 to 500Hz
- ◆ Operating Environment: 32° to 122°F (0° to 50°C) at <95% RH
- ◆ Storage Temp.: -4 to 140°F (-20 to 60°C) at <95%RH
- ◆ Dimensions: 6.0 x 0.9 x 0.8 in. (152 x 23 x 20 mm)
- ◆ Weight: 1.9 oz. (55g)
- ◆ Power Source: 2 "AAA" batteries (included)

UPC	NO.
012621 1	VS3000A

## START SWITCH 16/2, 20 AMP, PUSH BUTTON (UL SWITCH)

Quickly hooks up motors/machinery for testing.

### FEATURES

- Red and black heavy duty boots
- Large clips
- Push button start switch
- Replaces any C-6 start switch

### SPECIFICATIONS

- ◆ Maximum Current: 15A
- ◆ Lead Thickness: 16/2 Gauge
- ◆ Length: 2 ft. (610mm)
- ◆ Weight: 8.3 oz. (240g)

UPC	NO.
51145 9	SSC6



SSC6

## TEST CORD (MALE)

### FEATURES

- Red and black heavy duty boots
- Large clips
- 2 wire

### SPECIFICATIONS

- ◆ Maximum Current: 13A
- ◆ Maximum Voltage: 125V
- ◆ Lead Thickness: 16 Gauge
- ◆ Length: 6 ft. (1.83m)
- ◆ Weight: 8 oz. (227g)

UPC	NO.
50601 1	CT600M



CT600M

## TEST CORD (FEMALE)

### FEATURES

- Red and black heavy duty boots
- Large clips
- 3 wire
- Brings power to remote areas without 110V outlet

### SPECIFICATIONS

- ◆ Maximum Current: 13A
- ◆ Maximum Voltage: 125V
- ◆ Lead Thickness: 16 Gauge
- ◆ Length: 2 ft. (610mm)
- ◆ Weight: 5.7 oz. (163g)

UPC	NO.
51095 7	CT700F



CT700F

## MULTI-COLORED TEST LEADS

Handy jumper set of leads.

### FEATURES

- 10 alligator-clip leads: 2 each white, red, black, yellow and green

### SPECIFICATIONS

- ◆ Maximum Voltage: 300V
- ◆ Lead Thickness: 22 Gauge
- ◆ Length: 18 in. (457mm)
- ◆ Weight: 2.9 oz. (82g)

UPC	NO.
51105 3	CT800



CT800

## STANDARD TEST LEADS

Handy set of jumpers.

### FEATURES

- 3 ft. long
- Assorted colors

### SPECIFICATIONS

- ◆ Maximum Current: 10A
- ◆ Maximum Voltage: 300V
- ◆ Lead Thickness: 16 Gauge
- ◆ Length: 3 ft. (914mm)
- ◆ Weight: 1.9 oz. (54g)

UPC	NO.
51125 1	TL100



TL100

TL360W



**ALL WEATHER TEST LEADS**

Ideal for cold weather.

**FEATURES**

- Flexible soft leads
- Medium alligator clips with insulated boots

**SPECIFICATIONS**

- ◆ Maximum Current: 10A
- ◆ Maximum Voltage: 300V
- ◆ Lead Thickness: 18 Gauge
- ◆ Length: 3 ft. (914mm)
- ◆ Weight: 4.2 oz. (118g)

UPC	NO.
51135 0	TL360W

AMY6



**NORTH POLE/SOUTH POLE MAGNETIC DETECTOR**

**FEATURES**

- Finds north and south poles of magnetic fields
- Two color LED indication (red for "N", green for "S")
- Loud buzzer indication
- Pocket clip

**SPECIFICATIONS**

- ◆ Operating Voltage: 6V
- ◆ Power Source: 4 "LR44" batteries (included)

UPC	NO.
55300 8	AMY6

TL13



**TEST LEADS WITH HARD POINT**

**FEATURES**

- Comfort-grip probe with PVC-insulated leads
- Safety-shrouded, right-angled inputs
- CATIII 1000V/CATIV 600V, 10A rating

UPC	NO.
01344 1	TL13

**TEST LEADS**

**FEATURES**

- Includes right angle end and straight end silicone test leads
- PVC-insulated leads
- CATIII 1000V/CATIV 600V, 10A rating



TL108

UPC	NO.
01351 9	TL108

**TEST LEADS**

**FEATURES**

- Includes 2 each: alligator clips, industrial test grip, right angle silicon test leads
- CATIII 1000V/CATIV 600V, 10A rating

UPC	NO.
01350 2	TL20K



TL23K

**TEST LEADS**

**FEATURES**

- Includes 2 each: insulated silicon test lead, straight and right-angle shrouded banana plugs, probes with flat blade tips, alligator clips
- CATIII 1000V/CATIV 600V, 10A rating



TL20K

UPC	NO.
01349 6	TL23K

ETL111



**ALLIGATOR CLIP SET 1000V**

**FEATURES**

- Alligator clips with boots
- CATIII 1000V, 10 rating

UPC	NO.
01348 9	ETL111

