

# **SPERRY<sup>®</sup>** **INSTRUMENTS**

SAFE. TOUGH. ACCURATE.

**FULL LINE  
PRODUCT CATALOG**



**ELECTRICAL TESTERS**

Tester Offering Quick Chart	6-7
Breaker Finder™ Circuit Breaker Locator	8
Circuit Breaker Finder	8
Scan-Test™ 5-in-1 Multi-Scanner	9
GFCI Outlet Tester	9
Stop Shock II™ GFCI Outlet Circuit Analyzer	10
DualCheck™ Non Contact Voltage Tester & GFCI Outlet Analyzer	11
Non-Contact Volt Sensor™ 50-1000 VAC	12
Adjustable Non-Contact Volt Sensor™ 12-1000 VAC	12
Screwdriver-Voltage-Continuity Tester	12
Volt Check™ Voltage-Continuity Tester 24-600 VAC/6-220 VDC	13
Volt Doctor™ Voltage-Continuity Tester 120-600 VAC/DC	13
Voltage Tester 120-600 VAC/DC	14
Voltage-Continuity Tester 80-480 VAC/DC	14
4-Range Voltage Tester	15
Low Voltage Tester 5-50 VAC/DC	15
Single Range Voltage Tester	15
Voltage Tester 80-250 VAC/DC	16
Heavy Duty Continuity Tester	16
Professional Essentials 3 Piece Electrical Kit	17
Voltage Test Kit	17



**MULTIMETERS**

Electrical Offering Quick Chart	20-21
4 Function Digital Multimeter	22
7 Function Digital Multimeter	22
8 Function Digital Multimeter	23
9 Function Digital Multimeter	23
True RMS 10 Function Digital Multimeter	24
SmartMeter Digital Smart Multimeter	25
Pocket-Pro® Digital Multimeter	26
5 Function Analog Multimeter	26
Heavy Duty Comfort Leads	27
Test Leads	27
Universal Test Leads	27



**CLAMP METERS**

Clamp Meter Offering Quick Chart	30-31
Line Splitter	32
Open Jaw Clamp Meter	32
7 Function Digital Snap Around	33
10 Function Digital Snap Around	33
7 Function Digital Snap Around	34
True RMS 12 Function Digital Clamp Meter	35
True RMS 10 Function Digital Snap-Around	36
True RMS 6 Function Digisnap™ Digital Snap Around	37



**SPECIALTY METERS**

Specialty Offering Quick Chart	39
Temp Check™ Gun Style Infrared Thermometer	40
Temp Check™ Pocket Style Infrared Thermometer	41
Phase Sequence and Open Phase Indicator	41



**VOICE / DATA / VIDEO**

Voice / Data / Video Quick Chart	44-45
Wire Tracker™ Wire Tracer	46
Dual Telephone Line Tester	47
ToneProbe Cable Tracing Kit	47
Cable-Test™ Cat 3-6 Cable Tester	48
Cable-Test Plus™ Coax / Cat 3-6 Cable Tester	48
Crimp-N-Test™ Modular Crimper & Cable Tester	49





# ELECTRICAL TESTERS

Electrical testers are an integral part of any tool bag. Sperry Instruments testers are designed with input from professional users, meeting the stringent demands of the job site. Durability, accuracy, and safety are the three most important qualities expected of electrical testers and these products exceed expectations. The industry leading ten foot drop rating and two hundred fifty pound crush rating ensure a good product for a lifetime. To prove it, these units have a lifetime guarantee.

## ELECTRICAL TESTERS

Tester Offering Quick Chart	6-7	Volt Doctor™ Voltage-Continuity Tester 120-600 VAC/DC	13
Breaker Finder™ Circuit Breaker Locator	8	Voltage Tester 120-600 VAC/DC	14
Circuit Breaker Finder	8	Voltage-Continuity Tester 80-480 VAC/DC	14
Scan-Test™ 5-in-1 Multi-Scanner	9	4-Range Voltage Tester	15
GFCI Outlet Tester	9	Low Voltage Tester 5-50 VAC/DC	15
Stop Shock II™ GFCI Outlet Circuit Analyzer	10	Single Range Voltage Tester	15
DualCheck™ Non Contact Voltage Tester & GFCI Outlet Analyzer	11	Voltage Tester 80-250 VAC/DC	16
Non-Contact Volt Sensor™ 50-1000 VAC	12	Heavy Duty Continuity Tester	16
Adjustable Non-Contact Volt Sensor™ 12-1000 VAC	12	Professional Essentials 3 Piece Electrical Kit Voltage Test Kit	17
Screwdriver-Voltage-Continuity Tester	12		
Volt Check™ Voltage-Continuity Tester 24-600 VAC/6-220 VDC	13		





TESTER OFFERING QUICK CHART



MODEL	CS61200	CS550A	PD6902	GFI6302	HGT6520	VD7504GFI	VD6505	VD6504	ST6401
<b>AC Voltage</b>	120V	120V	120V	120V	120V	-	12-1000V	50-1000V	12-250V
<b>DC Voltage</b>	-	-	-	-	-	-	-	-	12-250V
<b>Non-Contact Voltage</b>	-	-	✓	-	-	✓	✓	✓	-
<b>Polarity</b>	-	-	-	-	-	-	-	-	-
<b>Continuity</b>	-	-	-	-	-	-	-	-	✓
<b>GFCI &amp; Receptacle Test</b>	✓	-	✓	✓	✓	✓	-	-	-
<b>Circuit Tracing</b>	✓	✓	-	-	-	-	-	-	-
<b>Audible</b>	✓	✓	✓	-	-	✓	✓	✓	-
<b>Visual</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Vibration</b>	-	-	-	-	-	-	-	-	-
<b>Lead Length</b>	36"	-	-	-	-	-	-	-	-
<b>Pocket Clip</b>	-	-	-	-	-	-	✓	✓	✓
<b>Agency Approval</b>	UL US	UL US	UL US	UL US CE	ETL US	ETL US	UL US CE	UL US CE	UL
<b>CAT Rating</b>	-	-	-	III 300V	III 300V	III 1000V	III 1000V, IV 600V	III 1000V, IV 600V	-
<b>Drop Rating</b>	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP
<b>Crush Rating</b>	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH
<b>Warranty</b>	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty



MODEL	VC61000	VC6300	VT611	ET6207	ET6204	ET6200	ET6102	ET6201	CT6101
<b>AC Voltage</b>	24-600V	120-600V	120-600V	120-480V	120-480V	5-50V	80-250V	80-250V	-
<b>DC Voltage</b>	6-220V	120-600V	120-600V	120-480V	120-480V	5-50V	80-250V	80-250V	-
<b>Non-Contact Voltage</b>	✓	-	-	-	-	-	-	-	-
<b>Polarity</b>	✓	✓	✓	✓	-	-	-	-	-
<b>Continuity</b>	✓	✓	-	✓	-	-	-	-	✓
<b>GFCI &amp; Receptacle Test</b>	-	-	-	-	-	-	-	-	-
<b>Circuit Tracing</b>	-	-	-	-	-	-	-	-	-
<b>Audible</b>	✓	✓	-	-	-	-	-	-	-
<b>Visual</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Vibration</b>	-	✓	✓	-	-	-	-	-	-
<b>Lead Length</b>	30"	26"	26"	30"	6"	6"	6"	2"	36"
<b>Pocket Clip</b>	-	-	-	-	✓	✓	✓	✓	✓
<b>Agency Approval</b>	UL US CE	UL US CE	UL US CE	UL US CE	UL US CE	UL US CE	UL US CE	UL US CE	-
<b>CAT Rating</b>	IV 600V, III 1000V	III 600V	III 600V	III 600V	II 600V	-	II 300V	II 300V	-
<b>Drop Rating</b>	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP	10 ft DROP
<b>Crush Rating</b>	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH
<b>Warranty</b>	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty



**CS61200 BREAKER FINDER™ CIRCUIT BREAKER LOCATOR**

Trace circuits to detect appropriate breaker.

- Quickly and easily identifies correct circuit breaker or fuse protecting a specific electrical circuit
- Designed for operation at 120V AC, 60Hz
- Audible alert and bright LED visual indication
- Magnetic back attaches to electrical panels for “hands-free” operation
- “Smart Meter” patented technology eliminates the need for adjustment dials
- When used with CS61200AS accessory kit, unit can trace switches, light fixtures, and other energized wiring
- Integrated lead and probe storage
- Transmitter integrates into the body for convenient transportation and storage
- Transmitter doubles as a 3-wire circuit analyzer with GFCI test functionality
- Operates from (1) 9 volt battery, included

CS61200	Range
Operational Voltage	120V
Frequency	60Hz
Plug-in Transmitter	✓

CS61200AS	Features
Insulated Leads	✓
Socket Adapter	✓



Integrated Probe Holder



Transmitter Also Tests Standard & GFCI Outlets



Accessory Kit for Tracing Light Fixtures

**PD6902 SCAN-TEST™ 5-IN-1 MULTI-SCANNER**

Locate studs, metal, or AC voltage behind the wall before cutting or nailing.

- Combined multi-scanner and electrical tester simplifies installation of electrical boxes, switches, and outlets
- 3-selectable modes: stud scan, metal scan, or AC voltage detection
- Detects metal pipes or objects to a maximum depth of 2.5" through .5" drywall
- Scans and locates wood or metal studs at a depth up to .75"
- Non-contact AC voltage detection (50–600VAC) to a maximum depth of 3.5" through .5" drywall
- Integrated 3-wire circuit analyzer with GFCI test functionality
- Built-in metal tip for marking stud edge, pipe location, or desired mounting point
- Over-molded rubber grips
- Audible and visual indication
- Operates from (1) 9 volt battery, included

PD6902	Range
Operational Voltage	120V AC
Non-Contact AC Voltage	50–600V
Frequency	60Hz
Circuit Analyzer	✓
GFCI	✓
Metal Detection	✓
Metal Studs	✓



PD6902



Scan for Studs, Metal and AC Voltage



Scanner & Tester Snap Together



Test Standard & GFCI Outlets

**CS550A CIRCUIT BREAKER FINDER**

Quickly locate AC circuit breakers or fuses to ensure a safe working condition.

- No need to interrupt power
- Bright LED's on both transmitter and receiver
- Audible and visual indication
- Safe for use near sensitive electronic equipment
- Includes transmitter and receiver
- Receiver operates from (1) 9 volt battery, included

CS550A	Range
Operational Voltage	120V
Frequency	50–60Hz
Audible	✓
Visual	✓



CS550A



Plug Style Transmitter



Auto Sensing Receiver

**GFI6302 GFCI OUTLET TESTER**

Tests standard 3-wire and GFCI protected 120V outlets.

- Neon lamps indicate 7 common wiring conditions
- Wiring condition legend is listed on top and bottom of tester
- GFCI function tests GFCI and standard outlets wired in parallel with GFCI outlets (e.g. multiple outlets in kitchen or bath)
- Compact ergonomic design
- Over-molded rubber grips

GFI6302	Range
Operational Voltage	120V AC
Frequency	60Hz



GFI6302



Standard or GFCI Outlet Testing



Legend on Top and Bottom



**HGT6520 STOP SHOCK II™ GFCI OUTLET CIRCUIT ANALYZER**

The Stop Shock II Circuit Analyzer makes it easy for anyone to detect wiring errors.

- Instant and easy results – no chart to carry or interpret
- GFCI function tests GFCI and standard outlets wired in parallel with GFCI outlets (e.g. multiple outlets in kitchen or bath)
- Advanced ground testing circuitry detects high resistance grounds
- Tests for 7 common wiring conditions
- Hi-impact polycarbonate housing
- 1 Light = No chart!

HGT6520	Range
Operational Voltage	95 - 140V AC
Frequency	60Hz



HGT6520

**VD7504GFI DUALCHECK™ NON CONTACT VOLTAGE TESTER & GFCI OUTLET ANALYZER**

2-in-1 product combines the most popular testers

- Non contact voltage detection
- Tests for 7 common wiring conditions
- Hi-Vis™ 360° LED indication
- Loud beeping audible indication
- Hi-impact ABS housing with over-molded grips
- Exclusive 1 LED Readout. No charts, instant results.
- GFCI function tests GFCI and standard outlets wired in series with GFCI outlets (e.g. multiple outlets in kitchen or bath)
- Over-molded rubber grips

VD7504GFI	Range
Non-Contact AC Voltage	50-600V
Frequency	50-60Hz
Audible	✓



VD7504GFI

**THE IMPORTANCE OF GROUND**

The Stop Shock II Circuit Analyzer makes it easy for anyone to detect wiring errors. This GFCI tester uses advanced circuitry to precisely detect the required low resistance (less than 10ohms) on the ground wire - INSTANTLY. While our patent pending proprietary design features a simple 1 LED readout without dual indicators or charts to decipher.

The Stop Shock II includes GFCI test function to test outlets wired in parallel to GFCI circuits (All bathroom, kitchen and outdoor receptacles require GFCI protection). Hi-impact polycarbonate housing withstands a 10 foot drop and is 250 pound crush rated, for job-site durability. This can fit in one's pocket or tool pouch, making it easy and convenient to use.



**SPERRY'S INNOVATIVE PATENT PENDING DESIGN IN THIS 2-IN-1 TESTER GIVES YOU THE BEST OF BOTH PRODUCTS!**

Innovative "New to the World" tester saves you time and money, while providing quality you can trust. It incorporates the latest technology Non-Contact Voltage Tester and GFCI Outlet Tester into a single unit. These are 2 of the most popular testers by electricians, inspectors, technicians and homeowners. With Sperry Instruments' advanced technology, the DualCheck™ quickly provides an accurate analysis of your 120 volt receptacle. This proprietary designed tester also provides a clear and easy-to understand 1 LED readout - there are not any charts to decipher or memorize! Designed for the job-site or home, this tester features Hi-impact ABS housing with 250 pound crush rating and the ability to withstand a drop of up to 10 ft. This tool increases your productivity on any job it faces.





**VD6504 VOLT SENSOR™ NON-CONTACT 50-1000 VAC**

Verify the presence of AC voltage prior to working on any application.

- Non-contact sensing circuit detects 50–1000 VAC
- Audible and 360° visual indication
- Patented battery self-test feature
- Pocket clip
- Operates from (1) AAA battery, included

VD6504	Range
AC Voltage	50–1000V
Frequency	50–60Hz
Adjustable	–



VD6504



Simple One-Button Operation



Audible and Visual Indication

**VD6505 ADJUSTABLE VOLT SENSOR™ NON-CONTACT 12–1000 VAC**

The adjustable Volt Sensor™ allows for sensitivity adjustments in multiple-wire applications when precision and safety are crucial.

- Adjustable non-contact sensitivity detects voltage from 12–1000 VAC
- Audible and 360° visual indication
- Patented battery self-test feature
- Pocket clip
- Operates from (1) AAA battery, included

VD6505	Range
AC Voltage	12–1000V
Frequency	50–60Hz
Adjustable	✓



VC6505



Adjustable Sensitivity



Low-Voltage Applications

**ST6401 SCREWDRIVER-VOLTAGE-CONTINUITY TESTER**

From mechanical to electrical, this three function unit is perfect for multiple applications.

- Tests both AC and DC voltages from 12 to 250 Volts
- Verifies continuity in unenergized circuits
- 360° visual indication
- Reinforced flat head screwdriver tip designed for most faceplate screws
- Pocket Clip
- Over-molded rubber grips
- Operates from (2) LR44 button cell batteries, included

ST6401	Range
AC Voltage	12–250V
DC Voltage	12–250V
Continuity	✓



ST6401



Test AC Voltage

**VC61000 VOLT CHECK™ VOLTAGE-CONTINUITY TESTER 24-600 VAC/6-220 VDC**

Multi-function tester with no dials tests voltage level, tests continuity, and includes non-contact AC voltage detection.

- Circuit Alert® non-contact AC voltage detection in tip (50–600V AC)
- 24–600V AC; 6–220V DC with polarity indication
- “Smart Meter Technology” automatically selects voltage or continuity test; no adjustment dials or range selection necessary
- Magnetic back attaches to electrical panels for “hands-free” operation
- 36" Sta-Flex™ cold weather leads with strain reliefs
- Integrated probe storage
- Operates from (3) AAA batteries, included

VC61000	Range
Contact AC Voltage	24–600V
Non-Contact AC Voltage	50–600V
DC Voltage	6–220V
Frequency	50–60Hz
Polarity	✓
Continuity	✓
Audible	✓



VC61000

Back



Non-Contact Voltage Detection



Integrated Probe Holders



Test Continuity and Voltage

**VC6300 VOLT DOCTOR™ VOLTAGE-CONTINUITY TESTER 120–600 VAC/DC**

Heavy duty voltage and continuity tester with solenoid vibration.

- Tests voltage from 120–600V AC/DC
- Voltage indication through both solenoid vibration and bright visual indicators
- Polarity indication for DC Voltage
- Sta-Flex™ 36" cold weather leads with strain reliefs
- Snap-in leads are spaced to fit a standard outlet for “hands-free” operation
- Heavy-duty construction with over-molded rubber grips
- Integrated probe storage
- Audible and visual indicators used for continuity testing
- Continuity function operates from (2) LR44 button cell batteries, included

VC6300	Range
AC Voltage	120–600V
DC Voltage	120–600V
Frequency	50–60Hz
Polarity	✓
Vibration	✓
Continuity	✓



VC6300

Back



Bright Indication of Continuity



Measure Voltage at Outlets



“One Handed” Operation



**VT611 VOLTAGE TESTER 120-600 VAC/DC**

**Solenoid voltage tester**

- Tests voltage from 120-600V AC/DC
- Voltage indication through both solenoid vibration and bright visual indicators
- Polarity indication for DC Voltage
- Sta-Flex™ 36" cold weather leads with strain reliefs
- Snap-in leads are spaced to fit a standard outlet for "hands-free" operation
- Heavy-duty construction with over-molded rubber grips
- Integrated probe storage

VT611	Range
AC Voltage	120-600V
DC Voltage	120-600V
Frequency	50-60Hz
Polarity	✓
Vibration	✓
Continuity	-



VT611

Back



Measure Voltage in Panels



2 Indications of Voltage



"One Handed" Operation

**ET6204 4-RANGE VOLTAGE TESTER**

**Tests for voltages from 120-480 V AC/DC.**

- Patented, snap-in leads are spaced to fit a standard outlet for easy, "hands-free" testing
- Compact ergonomic design
- Hi-Vis™ voltage indication
- Over-molded rubber grips

ET6204	Range
AC Voltage	120-480V
DC Voltage	120-480V
Frequency	60Hz
Pocket Clip	✓



ET6204

Back



Hi-Vis™ Voltage Indication



Heavy-Duty Design

**ET6200 LOW VOLTAGE TESTER 5-50 VAC/DC**

- Hi-impact ABS housing
- Insulated alligator clips on end of test leads for convenience
- Hi-Vis 360 degrees indicator
- UL listed
- Pocket clip

ET6200	Range
AC Voltage	5-50V
DC Voltage	5-50V
Operating Frequency	50-60Hz



ET6200



Test AC/DC Voltage

**ET6207 VOLTAGE-CONTINUITY TESTER 80-480 VAC/DC**

**Heavy-duty voltage and continuity tester designed for any number of job site applications.**

- Tests voltage from 80-480 VAC/DC (4-range indication)
- Dual function voltage and continuity tester
- Snap-in leads are spaced to fit standard outlet for "hands-free" operation
- Sta-Flex™ 36" cold weather leads
- 4 Hi-Vis™ indicators
- Integrated probe storage
- Operates from (2) LR44 batteries, included

ET6207	Range
AC Voltage	80-480V
DC Voltage	80-480V
Frequency	60Hz
Polarity	✓
Continuity	✓



ET6207

Back



Verify Continuity



Measure Voltage in Panels



"One Handed" Operation

**ET6102 SINGLE RANGE VOLTAGE TESTER**

**Tests for voltages from 80-250 V AC/DC.**

- Patented, snap-in leads are spaced to fit a standard outlet for easy, "hands-free" testing
- Compact ergonomic design
- Hi-Vis™ voltage indication
- Over-molded rubber grips

ET6102	Range
AC Voltage	80-250V
DC Voltage	80-250V
Frequency	60Hz
Pocket Clip	✓



ET6102

Back



Hi-Vis™ Voltage Indication



## ET6201 VOLTAGE TESTER 80-250 VAC/DC

- Hi-Vis voltage indication
- Compact design
- Pocket clip
- No battery needed

ET6201	Range
AC Voltage	80-250V
DC Voltage	80-250V
Operating Frequency	60Hz



ET6201



Test AC/DC Voltage

## CT6101 HEAVY DUTY CONTINUITY TESTER

Test for breaks in non-energized wires or electrical cords.

- Bright 360° visual indication
- Durable, heavy duty tip
- 36" flexible leads with insulated alligator clip
- Pocket Clip
- Over-molded rubber grips
- Operates from (2) AAA batteries, included

CT6101	Range
Pocket Clip	✓
Visual Indication	✓



CT6101



Verify Fuse Viability

## SK-1 PROFESSIONAL ESSENTIALS 3 PIECE ELECTRICAL KIT

### DM6250 Digital MultiMeter

- Auto ranging capability allows the meter to automatically determine the resolution based on the application
- Compact, lightweight design
- AC/DC voltage capable with temperature measurement functionality
- Impact resistant housing with protective rubber overmold
- Operates from (2) AAA batteries, included

### VD6504 Non-Contact Voltage Tester

- Non-contact sensing circuit detects 50-1000 VAC
- Audible and 360° visual indication
- Patented battery self-test feature
- Pocket clip
- Operates from (1) AAA battery, included

### GFI6302 GFCI Outlet Tester

- Neon lamps indicate 7 common wiring conditions
- Wiring condition legend is listed on top and bottom of tester
- GFCI function tests GFCI and standard outlets wired in series with GFCI outlets (e.g. multiple outlets in kitchen or bath)
- Compact ergonomic design
- Over-molded rubber grips



SK-1



Test Circuit Breaker Panels



Simple One-Button Operation



Standard or GFCI Outlet Testing

## STK001 VOLTAGE TEST KIT

### VD6504 Non-Contact Voltage Tester

- Non-contact sensing circuit detects 50-1000 VAC
- Audible and 360° visual indication
- Patented battery self-test feature
- Pocket clip
- Operates from (1) AAA battery, included

### GFI6302 GFCI Outlet Tester

- Neon lamps indicate 7 common wiring conditions
- Wiring condition legend is listed on top and bottom of tester
- GFCI function tests GFCI and standard outlets wired in series with GFCI outlets (e.g. multiple outlets in kitchen or bath)
- Compact ergonomic design
- Over-molded rubber grips



STK001



Simple One-Button Operation



Standard or GFCI Outlet Testing



# DIGITAL MULTIMETERS

Digital multimeters combine multiple functions within the same tool. The new Sperry Instruments products have been developed to meet the needs of the most demanding professional. High-impact housings and integrated protection ensure a safe and durable product. Each unit offers unique functionality, providing every professional with a choice based on their individual needs.

Electrical Offering Quick Chart	20-21	SmartMeter	25
4 Function Digital Multimeter	22	Digital Smart Multimeter	
7 Function Digital Multimeter	22	Pocket-Pro® Digital Multimeter	26
8 Function Digital Multimeter	23	5 Function Analog Multimeter	26
9 Function Digital Multimeter	23	Heavy Duty Comfort Leads	27
True RMS 10 Function Digital Multimeter	24	Test Leads	27
		Universal Test Leads	27





METER OFFERING QUICK CHART



	MODEL	DM6200	DM6250	DM6400	DM6450
FUNCTIONS	AC Voltage	500V	500V	750V	750V
	DC Voltage	600V	600V	1000V	1000V
	AC Current	-	-	10A	10A
	DC Current	-	-	10A	10A
	True RMS	-	-	-	-
	Resistance	✓	✓	✓	✓
	Diode Test	-	✓	✓	✓
	Continuity (Audible)	-	✓	✓	✓
	Temperature (Probe type)	-	✓	-	-
	Battery Testing	✓	✓	✓	-
FEATURES	Manual or Auto Ranging	Manual	Auto	Manual	Auto
	Total Functions	4	7	8	9
	Total Ranges	14	7	28	10
	Display Count	1999	1999	1999	3999
	Low Battery Indicator	✓	✓	✓	✓
	Auto Off	✓	✓	-	✓
	Rubber Boot or Molding	✓	✓	✓	✓
	Backlit LCD	-	-	-	-
	Agency Approval	ETL CE	ETL CE	ETL CE	ETL CE
	CAT Rating	III 600V	III 600V	III 600V, II 1000V	III 600V, II 1000V
Drop Rating	10m DROP	10m DROP	10m DROP	10m DROP	
Crush Rating	250m CRUSH	250m CRUSH	250m CRUSH	250m CRUSH	
Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	

	MODEL	DM6650T	SDMM10000	DM2A	HSP5
FUNCTIONS	AC Voltage	750V	600V	450V	300V
	DC Voltage	750V	600V	450V	300V
	AC Current	10A	-	-	-
	DC Current	10A	-	-	250mA
	True RMS	✓	-	-	-
	Resistance	✓	✓	✓	✓
	Diode Test	✓	✓	✓	-
	Continuity (Audible)	✓	✓	✓	-
	Non-Contact Voltage Detection	✓	-	-	-
	Battery Testing	-	-	-	-
FEATURES	Manual or Auto Ranging	Auto	Auto	Auto	Manual
	Total Functions	10	5	4	5
	Total Ranges	38	15	17	13
	Display Count	5999	3999	3999	-
	Low Battery Indicator	✓	✓	✓	-
	Auto Off	✓	✓	✓	-
	Rubber Boot or Molding	✓	-	-	-
	Bluetooth	-	✓	-	-
	Backlit LCD	✓	-	-	-
	Agency Approval	ETL CE	ETL CE	ETL CE	ETL CE
CAT Rating	IV 600V, III 1000V	II 600V	II 450V	II 300V	
Drop Rating	10m DROP	10m DROP	10m DROP	10m DROP	
Crush Rating	250m CRUSH	250m CRUSH	250m CRUSH	250m CRUSH	
Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty	



**DM6200 4 FUNCTION DIGITAL MULTIMETER**

- Manual range selection for user defined resolution requirements
- Compact, lightweight design
- AC/DC voltage capable
- Impact resistant housing with protective rubber overmold
- Operates from (1) 9 volt battery, included

DM6200	Range	Accuracy
<b>DC Voltage</b>	200mV, 20, 200, 600	200mV & 600V (1.2%+2dgt) 20V 200V (1.0%+2dgt)
<b>AC Voltage</b>	200/500	2.5%+ 5dgt
<b>Resistance</b>	200, 2K, 20K, 200K, 2M	200Ω (1.5%+2dgt) 2K 20K 200K 2M (1.2%+2dgt)
<b>Battery Testing</b>	(1.5V) 2000mV/(9V) 20V	1.0%+2



DM6200



Test Circuit Breaker Panels



Measure Voltage at Outlets

**DM6400 8 FUNCTION DIGITAL MULTIMETER**

- Test Lead Input Icons for correct lead placement
- Industry leading LCD display size
- Large digits for easy viewing
- AC/DC voltage and current capable
- Data hold feature captures reading on the display
- Impact resistant housing with protective rubber boot
- Operates from (1) 9 volt battery, included

DM6400	Range	Accuracy
<b>DC Voltage</b>	200mV, 2V, 20V, 200V, 1000V	200mV 2V 20V 200V (0.5%+2dgt) 1000V (0.8%+3dgt)
<b>AC Voltage</b>	2V, 20V, 200V, 750V	2V 20V 200V (0.8%+ 5dgt) 750V (1.0%+5dgt)
<b>DC Amps</b>	200uA, 2mA, 20mA, 200mA, 10A	200μA 2000μA 20mA 200mA (0.8%+2dgt) 10A (1.2%+5dgt)
<b>AC Amps</b>	200uA, 2mA, 20mA, 200mA, 10A	200μA 2000μA 20mA 200mA (1.0%+5dgt) 10A (1.2%+5dgt)
<b>Resistance</b>	200, 2K, 20K, 200K, 2M, 20M	200 2K 20K 200K 2M (0.8%+3dgt) 20M (1.2%+5dgt)
<b>Battery Testing</b>	(1.5V) 2000mV/(9V) 20V	-
<b>Diode Test</b>	✓	-
<b>Continuity</b>	✓	-



DM6400



Circuit Continuity



Test Lead Input Icons



Large Digital Display

**DM6250 7 FUNCTION DIGITAL MULTIMETER**

- Auto ranging capability allows the meter to automatically determine the resolution based on the application
- Compact, lightweight design
- AC/DC voltage capable with temperature measurement functionality
- Impact resistant housing with protective rubber overmold
- Operates from (2) AAA batteries, included

DM6250	Range	Accuracy
<b>DC Voltage</b>	200mV, 2V, 20V, 200V, 600V	200mV & 600V (1.0%+5dgt) 2V 20V 200V (0.5%+5dgt)
<b>AC Voltage</b>	200mV, 2V, 20V, 200V, 500V	500V (1.5%+5dgt) 2V 30V 200V (0.8%+5dgt)
<b>Resistance</b>	200, 2K, 200K, 2M, 20M	200Ω 20M (1.5%+2dgt) 2K 20K 200K 2M (1.0%+2dgt)
<b>Battery Testing</b>	1.5V (2V)	-
<b>Temperature</b>	-40°F to 752°F	8%+5dgt
<b>Diode Test</b>	✓	-
<b>Continuity</b>	✓	-



DM6250

Temperature Probe



Test Circuit Breaker Panels



Measure Voltage at Outlets



Temperature Measurement

**DM6450 9 FUNCTION DIGITAL MULTIMETER**

- Test Lead Input Icons for correct lead placement
- Industry leading LCD display size
- Relative Delta displays change in readings
- Low Impedance Function to trace ghost voltage
- Impact resistant housing with protective rubber boot
- Operates from (1) 9 volt battery, included

DM6450	Range	Accuracy
<b>DC Voltage</b>	400mV, 4V, 40V, 400V, 1000V	400mV (0.8%+3dgt) 4V 40V 400V (0.8%+1dgt) 1000V (1.0%+3dgt)
<b>AC Voltage</b>	4V, 40V, 400V, 750V	4V 40V 400V (1.0%+ 5dgt) 750V (1.2%+5dgt)
<b>DC Amps</b>	400μA, 4000μA, 40mA, 400mA, 4A, 10A	400μA 4000μA (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
<b>AC Amps</b>	400uA, 4000uA, 40mA, 400mA, 4A, 10A	400μA 4000μA (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A ±(2.0%+3dgt)
<b>Frequency</b>	10Hz-10MHz	0.1% +3dgt
<b>Capacitance</b>	40nF, 400nF, 4μF, 40μF, 100μF	40nF (3%+10dgt) 400nF, 4μF, 40μF (3%+5dgt) 100μF (4%+5dgt)
<b>Resistance</b>	400, 4K, 40K, 400K, 4M, 40M	400 4M (1.2%+2dgt) 4K 40K 400K (1.0%+2dgt) 40M (1.5%+2dgt)
<b>Diode Test</b>	✓	-
<b>Continuity</b>	✓	-



DM6450



Locate Dead Circuits



Test Lead Input Icons



Designed for Multiple Applications



**DM6650T TRUE RMS 10 FUNCTION DIGITAL MULTIMETER**

- Precise True RMS circuitry for accurate readings of non-linear waveforms
- Integrated non-contact voltage detection
- Relative Delta displays change in readings
- Min/Max function to hold either minimum reading or maximum reading on the display
- Data hold feature captures reading on the display
- Large backlit LCD display with bar graph indication
- Impact resistant housing with protective rubber boot
- Operates from (1) 9 volt battery, included

DM6650T	Range	Accuracy
<b>AC Voltage</b>	60mV, 600mV, 6V, 60V, 600V, 750V	60mV, 600mV $\pm(1.2\%+5)$ 6V, 60V, 600V $\pm(1.0\%+3)$ 750V $\pm(1.2\%+5)$
<b>DC Voltage</b>	60mV, 600mV, 6V, 60V, 600V, 1000V	60mV, 600mV $\pm(0.8\%+3)$ 6V, 60V, 600V $\pm(0.5\%+1)$ 1000V $\pm(1.0\%+3)$
<b>AC Current</b>	600 $\mu$ A, 6000 $\mu$ A, 60mA, 600mA, 6A, 10A	600 $\mu$ A, 6000 $\mu$ A $\pm(1.2\%+5)$ 60mA, 600mA $\pm(1.5\%+5)$ 6A 10A $\pm(2.0\%+5)$
<b>DC Current</b>	600 $\mu$ A, 6000 $\mu$ A, 60mA, 600mA, 6A, 10A	600 $\mu$ A, 6000 $\mu$ A, 60mA, 600mA $\pm(1.0\%+3)$ 6A, 10A $\pm(1.2\%+5)$
<b>Resistance</b>	600 $\Omega$ , 6K $\Omega$ , 60K $\Omega$ , 600K $\Omega$ , 6M $\Omega$ , 60M $\Omega$	600 $\Omega$ $\pm(1.2\%+2)$ 6K $\Omega$ , 60K $\Omega$ , 600K $\Omega$ $\pm(1.0\%+2)$ 6M $\Omega$ $\pm(1.2\%+2)$ 60M $\Omega$ $\pm(1.5\%+2)$
<b>Capacitance</b>	40nF, 400nF, 4 $\mu$ F, 40 $\mu$ F, 400 $\mu$ F, 4000 $\mu$ F	40nF, 400nF, 4 $\mu$ F, 40 $\mu$ F $\pm(3.0\%+5)$ 400 $\mu$ F $\pm(4.0\%+5)$ , 4000 $\mu$ F undefined
<b>Frequency</b>	10Hz-10MHz	$\pm(0.1\%+4)$
<b>Duty Cycle</b>	0.1%-99.9%	-



DM6650T



**PROVIDES JUST THE RIGHT MIX OF FUNCTIONALITY, DURABILITY, FEATURES AND SAFETY**

The Sperry TRMS 10 Function Digital Multimeter has precise True RMS circuitry for accurate readings of non-linear waveforms. Non-contact voltage detection is integrated into the multimeter design. This multimeter is equipped with a min/max function to hold either the minimum reading or maximum reading on the display. Relative Delta displays change in readings. Data hold feature captures reading on the display. Large backlit LCD display with bar graph indication. Impact resistant housing with protective rubber boot. Operates from one 9 volt battery (included).



**SDMM10000 SMART METER DIGITAL SMART MULTIMETER**

- View, Monitor, Capture Pictures & Data Log the date/time stamped readings to Smart Phones & Tablets
- Exported test results can be shared via EMAIL, TEXT, PICTURE, and to EXCEL
- Custom name readings for personal and professional use
- Wirelessly via Bluetooth view AC voltage, DC voltage, Resistance, Continuity & Diode Test on a smart device
- For use with IOS and Android systems
- Operates from (2) LR44 batteries, included

SDMM10000	Range	Accuracy
<b>AC Voltage</b>	4/40/400/600V AC	$\pm 1.0\%+5/ \pm 1.5\%+5$
<b>DC Voltage</b>	400mV/4/40/400/600 V DC	$\pm 1.2\%+3/ \pm 0.8\%+3/ \pm 1.2\%+3$
<b>Resistance</b>	400 $\Omega$ /4K $\Omega$ /40K $\Omega$ / 400K $\Omega$ /4M $\Omega$ /40M $\Omega$	$\pm 1.5\%+10/ \pm 1.2\%+6/$ $\pm 1.0\%+4/ \pm 2.0\%+4$
<b>Continuity</b>	Sounds at Resistance less than 50 $\Omega$	
<b>Diode Test</b>	Measures forward voltage drop	



**FREE DOWNLOADABLE APP!**

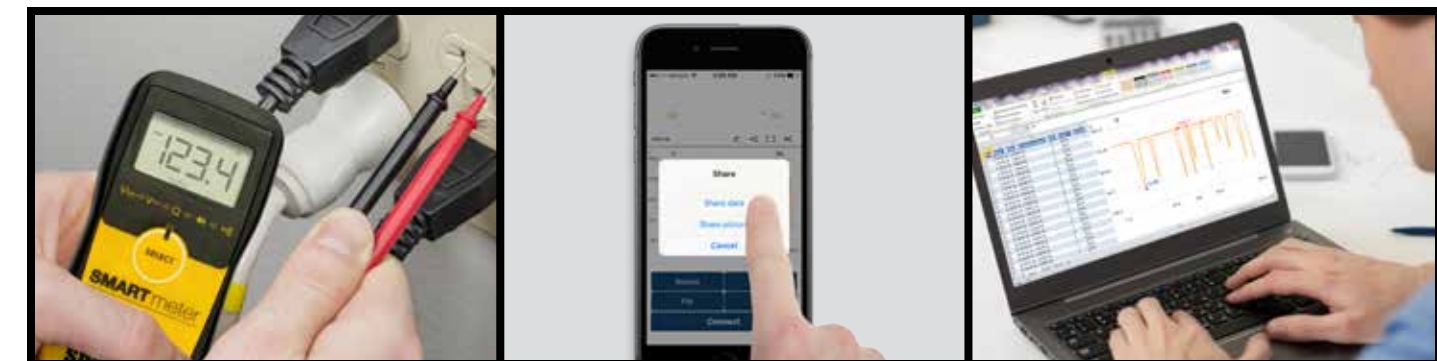
**NEW**



SDMM10000

**VIEW, MONITOR, CAPTURE PICTURES & DATA ALL THROUGH YOUR SMART PHONE OR TABLET!**

Sperry's new SMART meter saves time and money by allowing you to trouble shoot and capture results. The SMART Meter sends data and images with date and time stamped readings and enables the owner to gain quotes without hassle or service calls; The test results can then be shared via email, text, picture, and to Excel. If multiple people are working on one job, the data is easily transferable.





## DM2A POCKET-PRO® DIGITAL MULTIMETER

- Auto ranging
- AC/DC voltage
- Resistance
- Continuity
- Diode
- Auto power off
- Pocket size with booklet style case
- Overload protection on all ranges
- Operates from (2) LR44 batteries, included



Includes Carrying Case



DM2A



Versatile Operation



Voltage Measurement

DM2A	Range	Accuracy
DC Voltage	400mV/4V/40V/400V/450V	0.5%+3dgt
AC Voltage	400mV/4V/40V/400V/450V	1%+3dgt
Resistance	400Ω/4K/40K/400K/4000K/40MΩ	400–4000K (1%+3dgt) 40M (2.0%+3dgt)
Diode Test	✓	–
Continuity	✓	–



## RTL-600 HEAVY DUTY COMFORT LEADS

### 40" Premium Comfort-Grip Test Leads

- Overmolded for slip Resistance and comfortable handling
- Tough ABS Construction
- Flexible cords for easy use
- Universal fit with most meters
- CAT3 1000V, 40" Length
- Double Insulated with removable caps for safety



RTL-600



Universal fit with most meters

## TL34 TEST LEADS

### Use with Sperry models HSP5 & HSP10

- One Red, One Black



TL34

## HSP5 5 FUNCTION ANALOG MULTIMETER

- Manual range
- Compact, lightweight design
- AC/DC voltage
- DC Current
- Accurate needle deflection
- Operates from (1) AA battery, included

HSP5	Range	Accuracy
DC Voltage	0–10/50/150/300V	4.0%
AC Voltage	0–10/50/150/300V	5.0%
DC Current	0–0.5/50/150 mA	4.0%
Resistance	0–1MΩ	4.0%
Decibels	✓	-20dB to +56dB
CAT Rating	II 300V	–



HSP5



Includes Test Leads



## TL52 UNIVERSAL TEST LEADS

### Universal fit with most meters

- Each set includes a color coded black and red test lead for easy identification
- Right angle connection into tester
- Flexible cords for easy use
- Sharp heavy-duty steel tip at the end of each lead
- Insulated clip for added protection



TL52



# CLAMP METERS

Sperry Instruments clamp meters offer versatility and durability within the Digisnap™ product family. From standard Snap-Arounds to True RMS models, these units combine the safety of non-contact current measurement with multimeter functionality. As with all of the Sperry Instruments products, these units have been designed and tested by those professionals that demand to have the best test instruments on their job site.

Clamp Meter Offering Quick Chart Line Splitter	30-31	7 Function Digital Snap Around	34
Open Jaw Clamp Meter	32	True RMS 12 Function Digital Clamp Meter	35
7 Function Digital Snap Around	32	True RMS 10 Function Digital Snap-Around	36
10 Function Digital Snap Around	33	True RMS 6 Function Digisnap™ Digital Snap Around	37
	33		





CLAMP METER OFFERING QUICK CHART



MODEL	DSA200AOC	DSA500A	DSA540A	DSA660
<b>AC Voltage</b>	600V	600V	600V	600V
<b>DC Voltage</b>	600V	600V	600V	600V
<b>Non Contact AC Voltage</b>	-	✓	✓	✓
<b>AC Current</b>	200A	400A	400A	600A
<b>DC Current</b>	-	-	400A	-
<b>Resistance and Continuity</b>	✓	✓	✓	✓
<b>Capacitance</b>	✓	-	✓	-
<b>True RMS</b>	-	-	-	-
<b>Frequency</b>	✓	-	✓	✓
<b>Non-Contact Voltage Detection</b>	-	✓	✓	✓
<b>Temperature (Probe type)</b>	-	-	-	-
<b>Manual or Auto Ranging</b>	Auto	Auto	Auto	Auto
<b>Total Functions</b>	9	7	10	9
<b>Total Ranges</b>	27	17	26	18
<b>Low Battery Indicator</b>	✓	✓	✓	✓
<b>Auto Off</b>	✓	✓	✓	✓
<b>Backlit LCD</b>	✓	-	-	-
<b>Data Hold</b>	✓	✓	✓	✓
<b>Carrying Case</b>	✓	✓	✓	✓
<b>Agency Approval</b>				
<b>CAT Rating</b>	III 600V	III 300V II 600V	III 300V II 600V	IV 600V
<b>Drop Rating</b>				
<b>Crush Rating</b>				
<b>Warranty</b>				



MODEL	DSA600TRMS	DSA1020TRMS	DSA2009TRMS
<b>AC Voltage</b>	600V	600V	750V
<b>DC Voltage</b>	600V	600V	1000V
<b>Non Contact AC Voltage</b>	✓	✓	-
<b>AC Current</b>	600A	1000A	2000A
<b>DC Current</b>	-	1000A	2000A
<b>Resistance and Continuity</b>	✓	✓	✓
<b>Capacitance</b>	✓	✓	-
<b>True RMS</b>	✓	✓	✓
<b>Frequency</b>	✓	✓	✓
<b>Non-Contact Voltage Detection</b>	✓	✓	✓
<b>Temperature (Probe type)</b>	✓	✓	-
<b>Manual or Auto Ranging</b>	Auto	Auto	Auto
<b>Total Functions</b>	12	12	13
<b>Total Ranges</b>	28	29	25
<b>Low Battery Indicator</b>	✓	✓	✓
<b>Auto Off</b>	✓	✓	✓
<b>Backlit LCD</b>	✓	✓	✓
<b>Data Hold</b>	✓	✓	✓
<b>Carrying Case</b>	✓	✓	Wrist Strap
<b>Agency Approval</b>			
<b>CAT Rating</b>	III 600V	IV 600V	III 600V II 1000V
<b>Drop Rating</b>			
<b>Crush Rating</b>			
<b>Warranty</b>			



## E1 LINE SPLITTER

- For use with any clamp meter
- 1x and 10x measuring capability
- Probe slots for voltage measurement

E1	Range
Operational Voltage	120V AC
AC Current	15A
Frequency	50/60Hz



E1



For use with any clamp meter



Probe slots for voltage measurement

## NECESSARY ACCESSORIES

The E1 Line Splitter is a must-have accessory for clamp meters. The non-contact current capability of a clamp meter requires the isolation of a single conductor to measure the current, placing the jaws around a power cord does not give an accurate reading. In applications where the separation of the wires can endanger the integrity of the insulation or where machinery uses an integrated plug, the Line Splitter will split the current loop for convenient measurement. The E1 can be used in either a single loop measurement or a 10 times magnifying loop for accurate measurement of low current applications. This handy Line Splitter also includes convenient probe ports to measure voltage as well.

## DSA200AOC OPEN JAW CLAMP METER

- Auto Ranging
- Manual Range Mode
- Data Hold
- Overload protection
- Over-range indication
- Polarity indication
- Low Battery Indicator
- Auto Shut off
- Built-in Lead Storage
- Includes Carrying Case
- Operates from (2) AAA batteries, included

DSA200AOC	Range	Accuracy
AC Current	200A	±(3.0%+3)
AC Voltage	4V/ 40V/ 400V 600V	±(0.8%+5) ±(1.0%+10)
DC Voltage	400mV 4V/ 40V/ 400V 600V	±(0.8%+3) ±(0.7%+1) ±(0.8%+3)
Resistance	400Ω 4kΩ/ 40kΩ/ 400kΩ 4MΩ 40MΩ	±(1.2%+3) ±(1.0%+2) ±(1.2%+2) ±(2.0%+3)
Capacitance	4nF 40nF/ 400nF/ 4μF/ 40μF 100μF	Not Guaranteed ±(4.0%+10) ±(8.0%+10)
Frequency	10Hz/ 100Hz/ 1kHz/ 10kHz/ 100kHz	±(1.5%+1)
Duty Cycle	1% - 99%	1Hz - 10kHz ±(2.0%+5) ≤10Hz not specified
Diode Test		✓
Continuity		✓

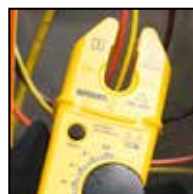
NEW



DSA200AOC



3999 count backlit screen



13mm Open jaw design for ease of measurement



## DSA500A 7 FUNCTION & DSA540A 10 FUNCTION DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection (DSA500)
- Relative delta displays changes in reading (DSA540)
- 400 Amp non-contact current reading
- Data hold capability to maintain reading on display
- Auto power off functionality to save battery life
- Compact lightweight design
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

DSA500A	Range	Accuracy
AC Current	200A/ 400A	±(2.0%+5)
AC Voltage	2V/ 20V/ 200V/ 600V	±(2.0%+5)
DC Voltage	200mV/ 2V/ 20V/ 200V/ 600V	±(1.5%+5)
Resistance	200Ω/ 2kΩ/ 20kΩ/ 200kΩ/ 2MΩ/ 20MΩ	±(2.0%+5)
Diode Test		✓
Continuity		✓

DSA540A	Range	Accuracy
AC Current	40A 400A	±(3.0%+8) 40.0-299.9A ±(3.5%+6)/ 300.0-400.0A ±(4.0%+6)
AC Voltage	4V/ 40V/ 400V/ 600V	±(2.0%+5)
DC Voltage	400mV/ 4V/ 40V/ 400V/ 600V	±(1.5%+5)
DC Current	40A 400A	±(3.0%+8) 40.0-299.9A ±(3.5%+6)/ 300.0-400.0A ±(4.0%+6)
Resistance	400Ω/ 4kΩ/ 40kΩ/ 400kΩ/ 4MΩ/ 40MΩ	±(2.0%+5)
Capacitance	50.00nF 500.0nF/ 5.000uF/ 50.00uF/ 100.0uF	±(4.0%+25) ±(4.0%+5)
Frequency	10Hz~1MHz 10MHz	±(0.1%+3) Undefined
Diode Test		✓
Continuity		✓



## DESIGNED TO BE SIMPLE TO USE WITH ADVANCED PERFORMANCE

The DSA540A Sperry Instruments Clamp Meter is a 10 function, 26 range auto-ranging unit with non-contact voltage detection engineered to measure AC/DC Current (40-400A), AC/DC Voltage (400/600V), Resistance (400/4000Ω), Frequency, and Continuity. Advanced data management including relative measurement and data hold. Ships with carry case, heavy duty leads and three AAA batteries included in the package.



NEW



DSA540A

NEW



DSA500A



## DSA660 7 FUNCTION DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- 600 Amp AC non-contact current reading
- Min/Max function to hold either minimum reading or maximum reading on the display

- Data hold capability to maintain reading on display
- Relative delta displays changes in reading
- Auto power off functionality to save battery life
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

DSA660	Range	Accuracy
AC Current	60A/ 600A	±(2.0%+9)
AC Voltage	6V/ 60V/ 600V	±(1.5%+4)
DC Voltage	600mV/ 6V/ 60V/ 600V	±(1.0%+3)
Resistance	600Ω/ 6kΩ/ 60kΩ/ 600kΩ/ 6MΩ/ 60MΩ	±(1.2%+5) ±(5.0%+8)
Frequency	100Hz 1kHz	±(0.5%+4)/ (Undefined)
Duty Cycle	0.1%-99.9%	-
Diode Test		✓
Continuity		✓



DSA660

## DSA600TRMS TRUE RMS 12 FUNCTION DIGITAL CLAMP METER

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- Max reading hold

- 600A AC non-contact current reading
- Data hold capability to maintain reading on display
- Auto power off functionality to save battery life
- Compact lightweight design
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

DSA600TRMS	Range	Accuracy
AC Current	6A 60A/ 600A	± (3.5% + 20) ± (2.5% + 8)
AC Voltage	6V 60V/ 600V	± (1.2% + 5) ± (0.8% + 5)
DC Voltage	60mV/ 600mV/ 6V/ 60V/ 600V	± (0.5% + 5)
Resistance	600Ω 6kΩ/ 60kΩ/ 600kΩ 6MΩ/ 60MΩ	± (0.8% + 10) ± (0.8% + 3) ± (1.2% + 3)
Capacitance	6nF/ 60nF/ 600nF/ 6μF/ 60μF/ 600μF	± (3% + 5)
Frequency	99.99Hz/ 999.9Hz/ 9.999kHz/ 9999Hz/ 99.99kHz	± (.5% + 3)
Temperature °C	0° to 300°C 301° to 1000°C	± (1.0% + 3) ± (1.2% + 6)
Temperature °F	32° to 600°F 601° to 1832°F	± (1.2% + 6) ± (1.9% + 6)
InRush Current	6A 60A/600A	<20 Reference Only ± (5% + 60)
Duty Cycle	0.1-99.9%	± 3% + 5
Diode Test		✓
Continuity		✓



DSA600TRMS

### SAFELY PROVIDES FAST AND CLEAR READINGS EVERY TIME

The Sperry Instruments DSA660 measures current up to 600A AC and features non-contact voltage detection. Accurately measures voltage, resistance and frequency. This unit features data hold, peak hold, and relative functions to maintain the reading on it's backlit display. Ships with carry case, heavy duty leads and three AAA batteries included in the package.



### DURABLE, SAFE UNIT SUITED FOR A WIDE ARRAY OF ELECTRICAL APPLICATIONS

The Sperry Instruments DSA600TRMS 600A True RMS Clamp Meter has more features and functions without the extra cost! This clamp meter offers a large range of superior functions including inrush current, a built-in work light, frequency and advanced temperature measurement. This unit features data hold, peak hold, and relative functions to maintain the reading on the 5999 count backlit screen and auto power-off functionality to extend battery life. Ships with carry case, heavy duty leads and three AAA batteries included in the package.





## DSA1020TRMS TRUE RMS 10 FUNCTION DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- Relative delta displays changes in reading
- 1000 Amp AC/DC non-contact current reading
- Min/Max function to hold either minimum reading or maximum reading on the display
- Data hold capability to maintain reading on display
- Backlit 5999 Count LCD screen
- Bar graph
- Peak hold function to display in-rush current
- Capacitance and temperature measurement functionality
- Auto power off functionality to save battery life
- Includes convenient carrying case
- Operates from (3) AAA batteries, included

DSA1020TRMS	Range	Accuracy
AC Current	600A/ 1000A	±(2.5%+5)
DC Current	600A/ 1000A	±(2.5%+5)
AC Voltage	6V/ 60V/ 600V	±(1.5%+4)(50/60Hz)/ ±(3.5%+5)(40-400Hz)
DC Voltage	600mV/ 6V/ 60V/ 600V	±(1.0%+3)
Resistance	600Ω/ 6kΩ/ 60kΩ 600kΩ/ 6MΩ/ 60MΩ	±(1.2%+5) ±(5.0%+8)
Capacitance	60nF 600nF/ 6uF/ 60uF/ 600uF 6mF 60mF	±(3.0%+50) ±(4.0%+20) ±10.0% Undefined
Frequency	100Hz/ 1kHz	±(0.5%+5)
Temperature °C	-40° to 40°C 40° to 1000°C	± (2.8% + 6) ± (2.5% + 4)
Temperature °F	-40° to 104°F 104° to 1832°F	± (5% + 12) ± (4.5% + 8)
Duty Cycle	0.1%-99.9%	±(2.5%+5)
Diode Test		✓
Continuity		✓



DSA1020TRMS



### CONSTRUCTED WITH ALL THE ESSENTIAL FEATURES AND FUNCTIONS TO SAFELY OBTAIN ACCURATE READINGS

Engineered to exceed the expectations of the professional electrician the DSA1020TRMS is a 12 Function/ 29 range Digital Snap-Around Clamp Meter with precise True RMS circuitry and a 1000 Amp non-contact current reading. Designed with integrated non-contact voltage detection and a Min/Max data hold capable function which allows you to hold either minimum reading or maximum reading on the display. This auto ranging unit measures up to 1000A AC/DC current, 600V AC/DC voltage, 60MΩ resistance, 1kHz frequency, non-contact AC voltage detection, temperature from -40 to 1832°F and capacitance to 60mF. Also able to test continuity, diodes, and duty cycle, this unit features a backlit LCD display ideal for low light applications and an auto power off functionality to save battery life. We consider safety first, this instrument has been designed, tested and certified to cETLus standards at CAT IV 600V and includes a limited lifetime warranty. Unit ships with test leads, temp probe, carrying case and 3 AAA batteries (required for use).



## DSA2009TRMS TRUE RMS 6 FUNCTION DIGISNAP™ DIGITAL SNAP-AROUND

- ETL listed to UL and CSA standards
- Industry standard safety test leads
- Precise True RMS circuitry
- Recessed Input Terminals
- Electronic Overload Protection
- Non-contact voltage detection
- 1000 AC/DC Amp non-contact current reading
- Min/Max function to hold either minimum reading or maximum reading on the display
- Data hold capability to maintain reading on display
- Backlit 5999 Count LCD screen
- Peak Hold function to display in-rush current
- Auto power off functionality to save battery life
- Includes convenient wrist strap
- Operates from (1) 9 volt battery, included

DSA2009TRMS	Range	Accuracy
AC Current	660.0A/ 2000A	±(2.5%+5)
AC Voltage	6.600V/ 66.00V/ 660.0V 1000V	±(1.2%+5) ±(1.5%+5)
DC Voltage	6.600V/ 660.0V 1000V	±(0.8%+3) ±(1.0%+3)
DC Current	660.0A/ 2000A	±(2.5%+5)
Resistance	660.0Ω 6.600kΩ/ 66.00kΩ/ 660.0kΩ 6.600MΩ 66.00MΩ	±(1.2%+2) ±(1.0%+2) ±(1.2%+2) ±(1.5%+2)
Frequency	66.00Hz/ 660.0Hz/ 6.600kHz/ 66.00kHz/ 660.0kHz/ 6.600MHz/ 20.00MHz	±(0.1%+3)
Diode Test		✓
Continuity		✓



DSA2009TRMS



### ENGINEERED WITH SAFETY IN MIND TO LAST LONG AND ALWAYS REMAIN ACCURATE

The DSA2009TRMS features True RMS circuitry and measurement of up to 2000A AC/DC. Features low pass filtering, InRush current, oscilloscope output, and a backlit display with bar graph to meet the toughest jobs head on. CAT IV 600V rated with a lifetime warranty to ensure safety and reliability in the field. Ships with wrist strap, heavy duty leads and 9V battery included in the package.





# SPECIALTY METERS

From phase rotation to temperature measurements, some jobs just require highly specialized products. The Sperry Instruments offering of highly specialized test & measure products has been designed to meet the demanding requirements of any jobsite.



## SPECIALTY METERS



Temp Check™ Gun Style Infrared Thermometer	40
Temp Check™ Pocket Style Infrared Thermometer	41
Phase Sequence and Open Phase Indicator	41

### SPECIALTY OFFERING QUICK CHART



MODEL	IRT200	IRT100	PSI8031
<b>FUNCTIONS</b>			
Wired and Non-Contact Motor Rotation Direction	-	-	✓
Phase Sequence Indication	-	-	✓
Temp Range	-26°F to 716°F (-32°C to 380°C)	-58°F to 536°F (-50°C to 280°C)	-
Distance to Spot Ratio	12:1	6:1	-
Emissivity	Adjustable	Fixed	-
Backlit Display	✓	✓	-
Includes carrying case	-	-	✓
CAT Rating	-	-	CAT IV 600V
<b>FEATURES</b>			
Agency Approval	CE	CE	CE
Drop Rating	10ft DROP	10ft DROP	10ft DROP
Crush Rating	250lb CRUSH	250lb CRUSH	250lb CRUSH
Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty



**IRT200 TEMP CHECK™ GUN STYLE INFRARED THERMOMETER**

- Measures temperature without contacting an objects surface
- Fast and easy - provides results in seconds
- Laser pointer to guide accuracy
- Backlit screen for superior visibility in most applications
- 12:1 Distance to spot ratio
- Max hold reading on the display
- Auto power off
- Operates from (1) 9 volt battery, included

IRT200	Range
Temperature Range	-26°F to 716°F (-32°C to 380°C)
Accuracy	-32°C to 0°C; ± (2.5°C + .05°C / degree) 0°C to 100°C; ± 2.5°C, 100°C to 380°C ± 2.5% -26°F to 32°F; ± 4.5°F + .09°F / degree 32°F to 212°F; ± 4.5°F, 212°F to 716°F ± 2.5%
Distance to Spot Ratio	12:1*
Response Time	500ms
Emissivity	0.1-1.0 (adjustable)
Spectral Response	6.5 to 18µM
Laser Pointer	✓
Max Temperature Hold	✓
Low Battery Indicator	✓
Auto Shut-off	✓
Data Hold	✓



IRT200



**NON-CONTACT TEMPERATURE MEASUREMENT**

Safety is the number one priority on any job site. Any test unit that can be used to measure or review an application without coming in contact with a live conductor is a necessity. The NEWLY UPGRADED IRT-200 TempCheck™ Non-Contact Infrared Thermometer allows for critical temperature measurements to be taken without having to touch an energized circuit. The D:S ratio, or distance to spot ratio has been upgraded to 12:1, which is a rating used to state the distance, in feet, that the test unit should be from the target in order to measure a one foot diameter section. We have also upgraded the temperature range to give an even greater range of testing possibilities. Other upgraded features include adjustable emissivity and quicker response time.



**IRT100 TEMP CHECK™ POCKET STYLE INFRARED THERMOMETER**

- Measures temperature without contacting an objects surface
- Fast and easy - provides results in seconds
- Laser pointer to guide accuracy
- Backlit screen for superior visibility in most applications
- 6:1 Distance to spot ratio
- Toggle between Celsius and Fahrenheit
- Auto power off
- Wrist lanyard included
- Operates from (2) AAA batteries, included

IRT100	Range
Temperature Range	-58°F to 536°F (-50°C to 280°C)
Accuracy	±2.5% + 2°C (4°F)
Display Resolution	.1°C/F
Emissivity	0.95 (fixed)
Laser Sighting	✓
Low Battery Indicator	✓
Backlit Display	✓
Auto Off	✓
Data Hold	✓



IRT100



Measures temperature without contacting object surface



Fast and easy - provides results in seconds

**PSI8031 PHASE SEQUENCE AND OPEN PHASE INDICATOR**

Verify proper wiring and connection in 3-phase motor applications.

- Visual rotation indication
- Color coded test leads
- Double insulated alligator clips for increased protection
- Non-contact motor rotation
- Shock resistant plastic housing
- LED indication of phase wiring
- Compact design and lightweight for easy handling
- Includes convenient carrying case
- Operates from (1) 9 volt battery, included

PSI8031	Range
AC Voltage	90-600V
Push Switch Button	✓
Broad Operating Range	✓
Visual Indication	✓
Color Coded Clips	✓
Frequency	15 - 400Hz



PSI8031



Non-contact rotation direction, no test leads needed!



Non-contact rotation direction, no test leads needed!



Test leads for phase sequence



# VOICE/ DATA/VIDEO

Designed for the demanding needs of today's Voice Data Video professionals, the Sperry Instruments line of test equipment is the pinnacle of durability and functionality. Forward thinking design concepts ensure product usefulness for generations to come. Combined with the 10' drop and 250 lb crush rating, these unique items are must-haves in any professional's tool belt.

Voice / Data / Video Quick Chart  
 Wire Tracker™ Wire Tracer  
 Dual Telephone Line Tester  
 ToneProbe Cable Tracing Kit

44-45	Cable-Test™ Cat 3-6 Cable Tester	48
46	Cable-Test Plus™ Coax / Cat 3-6 Cable Tester	48
47	Crimp-N-Test™	49
47	Modular Crimper & Cable Tester	





VOICE/DATA/VIDEO QUICK CHART



MODEL	TT64200	TT64202	GMC-3000
<b>FUNCTIONS</b>			
Test CAT 3, CAT 5 and CAT 6	✓	✓	✓
Test Coax	-	✓	✓
Test and Identify Opens, Miswires, Split Pairs, Shorts and Reversals	✓	-	✓
Test for Opens, Miswires and Split Pairs	-	✓	-
Cut, strip and Crimp RJ-45 and RJ-11	-	-	✓
<b>FEATURES</b>			
Visual	✓	✓	✓
Audible	-	-	-
Auto-Off	✓	-	✓
Tester and Remote Snap Together	✓	✓	-
Agency Approval	CE	CE	CE
Drop Rating	10 ft DROP	10 ft DROP	10 ft DROP
Crush Rating	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH
Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty



MODEL	ET64220	TT6200L	ET65220
<b>FUNCTIONS</b>			
Line Tracing	✓	-	✓
Test Continuity	-	-	✓
3 tones for multiple wire traces	-	-	-
Test Single/Dual Telephone Lines	-	-	-
<b>FEATURES</b>			
Visual	✓	✓	✓
Audible	✓	-	✓
Auto-Off	45 Minutes	-	30 Minutes
Pocket Clip	✓	✓	-
Agency Approval	-	-	CE
Drop Rating	10 ft DROP	10 ft DROP	10 ft DROP
Crush Rating	250 lb CRUSH	250 lb CRUSH	250 lb CRUSH
Warranty	LIFETIME Warranty	LIFETIME Warranty	LIFETIME Warranty



**ET64220 WIRE TRACKER™ WIRE TRACER**

A must-have tester for audio/video installers and data com technicians.

- Multi-purpose wire tracer for identifying wires such as coax, CAT 5, speaker, phone, or any non-energized (non-live) wires
- Adapter plugs include: RJ-45, RJ-11, coax, automotive fuse blade, and insulated clamps
- Adjustable sensitivity positively identifies a single wire when multiple wires are routed in close proximity
- Audible and visual indication
- Auto off function included with transmitter to save battery life
- Operates from (2) AAA batteries (transmitter) and (4) LR44 batteries (receiver), included

ET64220	Range
Audible	✓
Visual	✓
Receiver Storage	✓
Belt Clip	✓
Tracer	✓

**LIFETIME** Patented Warranty



ET64220

Probe Storage

**A NEW TWIST TO THE CLASSIC TONE & PROBE**

The Wire Tracker™ raises the standard for the classic tone and probe products. This patented product traces non-energized wire for correct identification. The unique design nestles the probe within the unit to keep both components together during transportation or storage to avoid loss. Different terminations are also self-contained within the unit, making this unit a must for any Voice-Data-Video installations or remodels. Audio and visual indicators quickly identify the signal strength to allow for precise wire identifications. The addition of an adjustable sensitivity dial ensures that the correct wire is found every time.



**TT6200L DUAL TELEPHONE LINE TESTER**

Tests the status of single or dual phone lines.

- Tri-color LED's indicate line status
  - Green = Correct
  - Red = Reversed
  - Yellow = AC voltage detected
- Flexible lead with standard RJ11 phone plug
- Pocket clip
- Hi-Vis™ 360° LED indication
- No battery needed

TT6200L	Range
Pocket Clip	✓
Visual Indication	✓
Single & Dual Line Test	✓

**LIFETIME** Warranty



TT6200L



Simple Operation with Bright Visual Indication

**ET65220 TONEPROBE CABLE TRACING KIT**

Test Continuity and trace unenergized wiring for correct wire identification every time.

- Intuitive Transmitter design for function and tone options
- Three unique audible tones for multiple wire traces
- Adjustable sensitivity and 360° visual indication on the receiver
- Earphone jack provides option of silent operation
- Heavy-duty alligator clips with multiple piercing options and reinforced strain reliefs
- Extra-long probe tip can be removed and replaced in seconds
- Operates from (1) 9 volt battery (tone generator) and (1) 9 volt battery (probe), included

ET65220	Range
Tone Output	11.5 dBm
Frequency	1000 – 2000 Hz
Continuity	✓
Auto-Off (Tone Generator)	30 Minutes
Low Battery Indication	✓

**LIFETIME** Patented Warranty



ET65220



Connect Transmitter



Trace Cables



**TT64200 CABLE-TEST™ CAT 3-6 CABLE TESTER**

**Verify twisted pair wiring installation, including 10Base-T and Token Ring configurations.**

- Quick detection of opens, shorts, miswires, reversals, and split pairs in UTP/STP cabling for T568A, T568B, 10Base-T, and Token Ring configurations
- Test RJ45 and RJ11 cabling in 4-, 6-, and 8-pin configurations easily and accurately
- Catch crossovers on Cat 3, 5, and 6 installations.
- Debug function accurately pinpoints both the problem and its location
- Tester and remote snap together for transportation and storage when not in use
- Wiring reference chart included
- (1) 6 volt A544, ½ AA size battery or (4) LR44 Button cell batteries, included



TT64200



Identify Split Pairs



Auto Sensing Receiver



Jumper Cables Included

TT64200	Range
Continuity, Opens, and Miswires	✓
Shorts & Reversals	✓
Split Pair ID	✓
Shield Continuity	✓
Debug Function	✓

**LIFETIME** Warranty **CE** Patented

**GMC-3000 CRIMP-N-TEST™ MODULAR CRIMPER & CABLE TESTER**

- Heat treated steel frame for tool durability with RJ-45 and RJ-11 Crimp stations
- Comfort grips provide high leverage and cable test functionality
- Test cables terminated with 4, 6, or 8 pin connectors
- Test for continuity, opens, shorts, reversals, and miswires
- Debug functionality quickly and easily identifies faults
- Remote snaps securely into the base of the handle for storage and transportation
- Includes RJ-11 and RJ-45 Jumper Cables
- Operates from (1) 6 volt A544, ½ AA size battery or (4) LR44 Button cell batteries, included

GMC-3000	Range
Continuity, Opens, and Miswires	✓
Shorts & Reversals	✓
Split Pair ID	✓
Shield Continuity	✓
Debug Function	✓

**LIFETIME** Warranty **CE** Patented



GMC-3000

**TT64202 CABLE-TEST PLUS™ COAX / CAT 3-6 CABLE TESTER**

**Tests both twisted pair and coax cable installations.**

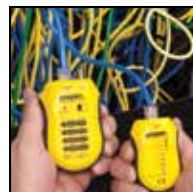
- Both tester and remote have UTP/STP and Coaxial test jacks for detecting opens, shorts, miswires, and reversals in T568A and T568B configurations
- Rubber overmolded construction provides long life and comfortable use
- Tester and remote snap together for transportation and storage when not in use
- Wiring reference chart included
- Operates from (2) AAA, included



TT64202



Test Twisted Pair and Coax



Visual Indication



Jumper Cables Included

TT64202	Range
Continuity, Opens, and Miswires	✓
Shorts & Reversals	✓
Coax	✓
Shield Continuity	✓

**LIFETIME** Warranty **CE** Patented

**CUT, STRIP, TERMINATE, AND TEST WITH THIS COMBINATION MODULAR CRIMPER AND CABLE TESTER.**

The crimp-n-test combines all the tools you need to get the job done in one convenient item. The heat treated steel frame provides tool durability with RJ-45 and RJ-11 crimp stations. Impact resistant handles with protective rubber overmold comfort grips provide high leverage and impact durability. Test cables terminated with 4, 6 or 8 pin connectors or test in-wall LAN wiring. Built-in tester for continuity, opens, shorts, reversals, and miswires. Ability to test male to male network LAN cables or room to room in-wall network cables. Be immediately confident that your crimps are correct or debug quickly and easily identify faults. Includes a remote that snaps securely into the base of the handle for storage and transportation.







## NOTES

CS550A .....	6, 8	GFI6302 .....	6, 9
CS61200.....	6, 8	GMC-3000 .....	44, 49
CS61200AS .....	8	HGT6520 .....	6, 10
CT6101.....	7, 16	HSP5 .....	21, 26
DM2A .....	21, 26	IRT100 .....	39, 41
DM6200 .....	20, 22	IRT200 .....	39, 40
DM6250 .....	20, 22	PD6902.....	6, 9
DM6400 .....	20, 23	PSI8031 .....	39, 41
DM6450 .....	20, 23	RTL-600 .....	27
DM6650T .....	21, 24	SDMM10000 .....	21, 25
DSA1020TRMS .....	31, 36	SK-1 .....	17
DSA2009TRMS .....	31, 37	ST6401.....	6, 12
DSA200AOC.....	30, 32	STK001.....	17
DSA500A .....	30, 33	TL34 .....	27
DSA540A .....	30, 33	TL52 .....	27
DSA600TRMS .....	31, 35	TT6200L.....	45, 47
DSA660 .....	30, 34	TT64200 .....	44, 48
E1 .....	32	TT64202 .....	44, 48
ET6102.....	7, 15	VC61000.....	7, 13
ET6200.....	7, 15	VC6300.....	7, 13
ET6201 .....	7, 16	VD6504.....	6, 12
ET6204.....	7, 15	VD6505.....	6, 12
ET6207 .....	7, 14	VD7504GFI.....	6, 11
ET64220.....	45, 46	VT611 .....	7, 14
ET65220.....	45, 47		



# SPERRY<sup>®</sup> INSTRUMENTS

