

Professional Digital Multimeters

**SPERRY
INSTRUMENTS**
The Professional's Choice®



Accurate
Reliable
Safe
Durable
Intuitive

SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY
SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY
SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY
SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY SPERRY



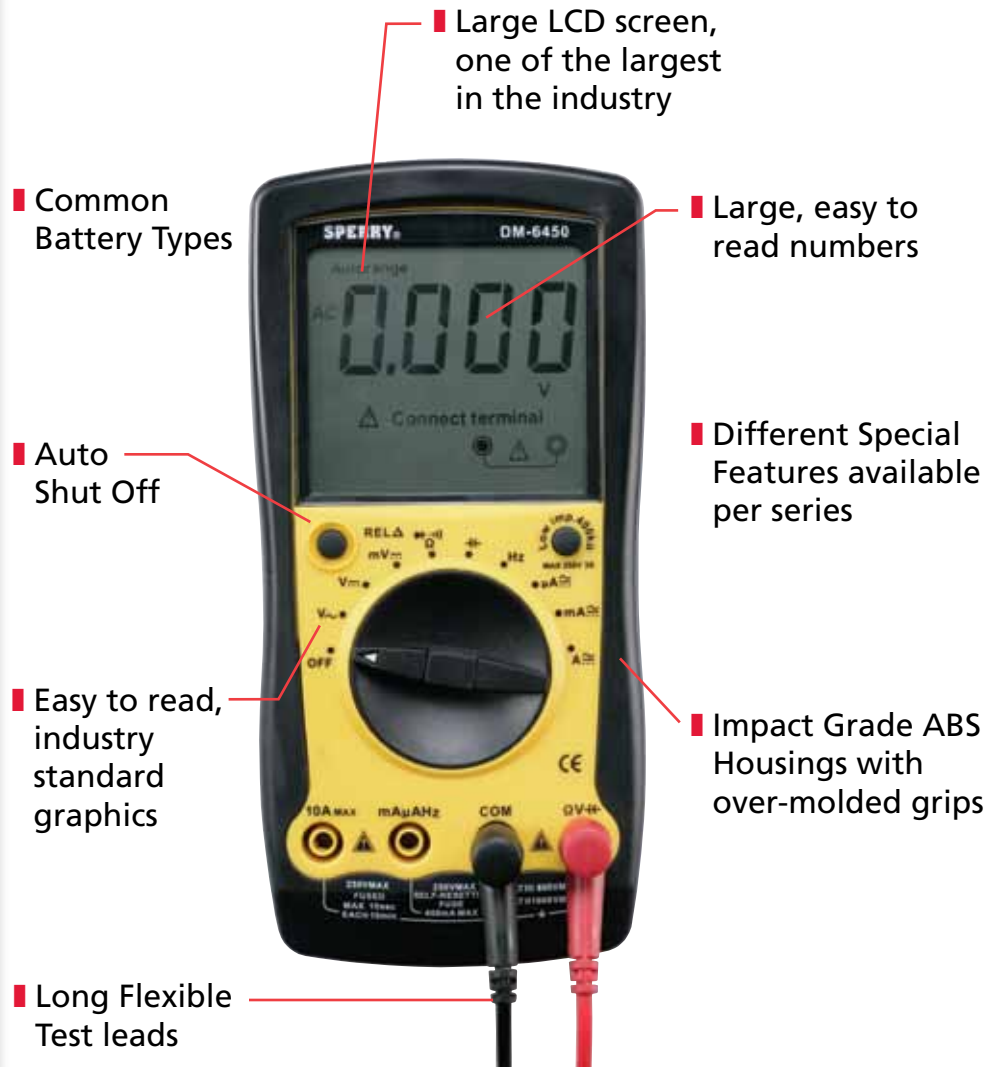
Durable.
Accurate.
Safe.®

Why are Sperry Testers better?

Sperry's new Digital Multimeter family has truly been designed with the professional in mind. Our durable and ergonomic designs include improved audible and visual indicators, large LCD screens and easy to read industry standard markings. These products have been designed and manufactured to the latest industry standards and include a 5-Year Warranty, which gives our users the peace of mind that they're using the best products in the industry.

5
FIVE YEAR
Warranty

We are so confident in this new family of testers that we are backing up the quality **and** construction with a 5-year warranty.*



Designed & Manufactured to the Latest Industry Standards



SPERRY
INSTRUMENTS
The Professional's Choice

*5-Year Warranty- Sperry warrants that the products indicated herein as being subject to a "Limited Warranty" shall be free from defects in workmanship and material for the normal life of such products. Sperry's obligation under this warranty is limited to repair or replacement of the defective product.

64 Series Digital Multimeters

The 64 Series Digital Multimeters feature one of the largest displays available in the industry today. Combining form with function, these meters use state of the art circuitry to provide accurate results. To ensure safe operation, the 64 Series meters include Test Lead Input Icons for accurate lead placement every time.

DM6400 8 Function Manual Range



Manual or Auto	Manual
# of Functions	8
Display Count	1999
# of Ranges	28
AC Volts (Range Positions)	4 Ranges (Max 750 VAC) 2V, 20V, 200V, 750V
AC Volts Accuracy	2v 20v 200v (0.8%+5dgt) 750v (1.0%+5dgt)
DC Volts (Range Positions)	5 Ranges (Max 1000 VDC) 200mV, 2V, 20V, 200V, 1000V
DC Volts Accuracy	200mv 2v 20v 200v (0.5%+2dgt) 1000v (0.8%+3dgt)
AC Amps	5 Ranges (Max 10A AC) 200uA, 2mA, 20mA, 200mA, 10A
AC Amps Accuracy	200uA 2000uA 20mA 200mA (1.0%+5dgt) 10A (2.0%+5dgt)
DC Amps	5 Ranges (Max 10A DC) 200uA, 2mA, 20mA, 200mA, 10A
DC Amps Accuracy	200uA 2000uA 20mA 200mA (0.8%+2dgt) 10A (1.2%+5dgt)
Resistance (Ohms)	6 Ranges (Max 20M) 200, 2k, 20k, 200k, 2M, 20M
Resistance Accuracy	200Ω 2k 20k 200k 2M (0.8%+3dgt) 20M (1.2%+5dgt)
Diode test	✓
Continuity (Audible)	✓
Battery Testing	2 Ranges (1.5V) 2000mV / (9V) 20V
CAT Rating	CAT III 600 V, CAT II 1000V
Battery	One (1) 9V

DM6450 9 Function Auto Range



Manual or Auto	Auto
# of Functions	9
Display Count	3999
# of Ranges	10 (Off Included)
AC Volts (Range Positions)	Auto Range (Max 750 VAC) 4V, 40V, 400V, 750V
AC Volts Accuracy	4v 40v 400v (1.0%+5dgt) 750v (1.2%+5dgt)
DC Volts (Range Positions)	Auto Range (Max 1000 VDC) 400mV, 4V, 40V, 400V and 1000V
DC Volts Accuracy	400mv (0.8%+3dgt) 4v 40v 400v (0.8%+1dgt) 1000v (1.0%+3dgt)
AC Amps	Auto Range (Max 10A AC) 400uA, 4000uA, 40mA, 400mA, 4A, 10A
AC Amps Accuracy	400uA 4000uA (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A ±(2.0%+3dgt)
DC Amps	Auto Range (Max 10A DC) 400uA, 4000uA, 40mA, 400mA, 4A, 10A
DC Amps Accuracy	400uA 4000uA (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
Resistance (Ohms)	Auto Range (Max 40M) 400, 4k, 40k, 400k, 4M, 40M
Resistance Accuracy	400Ω 4M (1.2%+2dgt) 4k 40k 400k (1.0%+2dgt) 40M (1.5%+2dgt)
Diode test	✓
Continuity (Audible)	✓
Capacitance	Auto Range 40nF, 400nF, 4uF, 40uF, 100uF
Capacitance Accuracy	40nF (3.0%+10dgt) 400nF 4uF 40uF (3%+5dgt) 100uF (4.0%+5dgt)
Frequency	Auto Range 10Hz~100MHz
Frequency Accuracy	0.1%+3
CAT Rating	CAT III 600 V, CAT II 1000V
Battery	One (1) 9V

66 Series Digital Multimeters

For the ultimate Digital Multimeter experience, the 66 Series meters provide just the right mix of style and functionality. Boasting a backlit screen and non-contact voltage detection, these advanced test instruments are ready for the jobs of tomorrow.

DM6600 10 Function Auto Range



Manual or Auto	Auto
# of Functions	10
Display Count	3999
AC Volts (Range Positions)	Auto Range (Max 750 VAC) 40mV, 400mV, 4V, 40V, 400V, 750V
AC Volts Accuracy	40mV (1.5%+5dgt) 400mV 750V (1.2%+5dgt) 4V 40V 400V (1.0%+5dgt)
DC Volts (Range Positions)	Auto Range (Max 1000 VDC) 40mV, 400mV, 4V, 40V, 400V, 1000V
DC Volts Accuracy	40mV $\pm(1.2\%+5dgt)$ 400mV $\pm(0.8\%+3dgt)$ 4V 40V 400V $\pm(0.8\%+1dgt)$ 1000V $\pm(1.0\%+3dgt)$
AC Amps	Auto Range (Max 10A AC) 400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A
AC Amps Accuracy	400 μ A 4000 μ A (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A (2.0%+3dgt)
DC Amps	Auto Range (Max 10A DC) 400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A
DC Amps Accuracy	400 μ A 4000 μ A (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
Resistance (Ohms)	Auto Range (Max 40M) 400, 4k, 40k, 400k, 4M, 40M
Resistance Accuracy	400 Ω 40M Ω $\pm(1.2\%+2dgt)$ 4k 40k 400k $\pm(1.0\%+2dgt)$ 40M Ω $\pm(1.5\%+2dgt)$
Diode test	✓
Continuity (Audible)	✓
Capacitance	Auto Range 40nF, 400nF, 4 μ F, 40 μ F, 400 μ F, 4000 μ F
Capacitance Accuracy	40 μ F (3.0%+10dgt) 400 μ F 4 μ F 40 μ F (3.0%+5dgt) 400 μ F 4000 μ F (4.0%+5dgt)
Frequency	Auto Range 100Hz~10MHz
Frequency Accuracy	0.1%+3
Non-contact Voltage Detection	✓
CAT Rating	CAT III 1000 / CAT IV 600
Battery	One (1) 9V

DM6650T 10 Function TRMS Auto Range



Manual or Auto	Auto
# of Functions	10
Display Count	3999
AC Volts (Range Positions)	Auto Range (Max 750 VAC) 40mV, 400mV, 4V, 40V, 400V, 750V
AC Volts Accuracy	40mV (1.5%+5dgt) 400mV 750V (1.2%+5dgt) 4V 40V 400V (1.0%+5dgt)
DC Volts (Range Positions)	Auto Range (Max 1000 VDC) 40mV, 400mV, 4V, 40V, 400V, 1000V
DC Volts Accuracy	40mV $\pm(1.2\%+5dgt)$ 400mV $\pm(0.8\%+3dgt)$ 4V 40V 400V $\pm(0.8\%+1dgt)$ 1000V $\pm(1.0\%+3dgt)$
AC Amps	Auto Range (Max 10A AC) 400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A
AC Amps Accuracy	400 μ A 4000 μ A (1.2%+2dgt) 40mA 400mA (1.5%+3dgt) 4A 10A (2.0%+3dgt)
DC Amps	Auto Range (Max 10A DC) 400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A
DC Amps Accuracy	400 μ A 4000 μ A (1.0%+2dgt) 40mA 400mA (1.2%+3dgt) 4A 10A (1.5%+5dgt)
Resistance (Ohms)	Auto Range (Max 40M) 400, 4k, 40k, 400k, 4M, 40M
Resistance Accuracy	400 Ω 40M Ω $\pm(1.2\%+2dgt)$ 4k 40k 400k $\pm(1.0\%+2dgt)$ 40M Ω $\pm(1.5\%+2dgt)$
Diode test	✓
Continuity (Audible)	✓
Capacitance	Auto Range 40nF, 400nF, 4 μ F, 40 μ F, 400 μ F, 4000 μ F
Capacitance Accuracy	40 μ F (3.0%+10dgt) 400 μ F 4 μ F 40 μ F (3.0%+5dgt) 400 μ F 4000 μ F (4.0%+5dgt)
Frequency	Auto Range 100Hz~10MHz
Frequency Accuracy	0.1%+3
Non-contact Voltage Detection	✓
CAT Rating	CAT III 1000 / CAT IV 600
Battery	One (1) 9V

Key Improvements

- **Heavy-duty construction**
 - Tongue & groove joints
 - Improved battery compartments
 - Sta-Flex cold weather leads
- **Improved visual and audible indicators**
 - Larger, industry consistent graphics
 - Large, easy to read LCD's
 - Louder audible alerts
- **Easy to use, intuitive designs**
- **Designed to meet industry standards**
 - cETLus, CE, CAT Ratings,
 - Dual insulated construction
- **Ergonomic Styling with rubber gripping areas**
- **Benchmark proven durability for impact, heat, vibration and crush**
- **Multiple functions and features in single designs**

62 Series Digital Multimeters

The compact and functional 62 Series Digital Multimeters have been designed to exceed the expectations of the professional electrician. These stylish instruments use standard batteries, automatically shut off to save battery life, and meet the needs of today's electrician. Exceptional durability and accuracy are the hallmarks of the 62 Series.

DM6200 4 Function Manual Range



Manual or Auto	Manual
# of Functions	4
Display Count	1999
# of Ranges	14 (Off Included)
AC Volts (Range Positions)	2 Ranges (Max 500 VAC) 200/500
AC Volts Accuracy	2.5%+ 5Dgt
DC Volts (Range Positions)	4 Ranges (Max 600 VDC) 200mV, 20, 200, 600
DC Volts Accuracy	200mV & 600V (1.2%+2dgt) 20V 200V (1.0%+2dgt)
Resistance (Ohms)	5 Ranges (Max 2M) 200, 2k, 20k, 200K, 2M
Resistance Accuracy	200Ω (1.5%+2dgt) 2k 20k 200k 2M (1.2%+2dgt)
Diode test	✓
Continuity (Audible)	✓
Battery Testing	2 Ranges - (1.5V) 2000mV / (9V) 20V
Battery Testing Accuracy	1.0%+2
CAT Rating	CAT III 600V
Battery	One (1) 9V

DM6250 7 Function Auto Range



Manual or Auto	Auto
# of Functions	7
Display Count	1999
# of Ranges	7 (Off Included)
AC Volts (Range Positions)	Auto Range (Max 500 VAC) 200mV, 2V, 20V, 200V, 500V
AC Volts Accuracy	500v (1.5%+5dgt) 2v 20v 200v (0.8%+5dgt)
DC Volts (Range Positions)	Auto Range (Max 600 VDC) 200mV, 2V, 20V, 200V, 600V
DC Volts Accuracy	200mv & 600v (1.0%+5dgt) 2v 20v 200v (0.5%+5dgt)
Resistance (Ohms)	Auto Range (Max 20M) 200, 2k, 200k, 2M, 20M
Resistance Accuracy	200Ω 20M (1.5%+2dgt) 2k 20k 200k 2M (1.0%+2dgt)
Diode test	✓
Continuity (Audible)	✓
Temperature (Probe Incl.)	✓ (-40F to 752F)
Battery Testing	1 Range - 1.5V (2V)
CAT Rating	CAT III 600V
Battery	Two (2) AAA

The Professional's Choice®

Full Line Offering



Model	DM6200	DM6250	DM6400	DM6450	DM6600	DM6650T
FUNCTIONS						
AC/DC Volts	✓	✓	✓	✓	✓	✓
AC Current	-	-	✓	✓	✓	✓
DC Current	-	-	✓	✓	✓	✓
Resistance	✓	✓	✓	✓	✓	✓
Diode Test	-	✓	✓	✓	✓	✓
Continuity (Audible)	-	✓	✓	✓	✓	✓
Temperature	-	✓	-	-	-	-
Battery Test	✓	✓	✓	-	-	-
Capacitance	-	-	-	✓	✓	✓
Frequency	-	-	-	✓	✓	✓
Non-Contact Voltage Detection	-	-	-	-	✓	✓
FEATURES						
True RMS	-	-	-	-	-	✓
Fuse (Amps)	-	-	✓	✓	✓	✓
Low Battery Indicator	✓	✓	✓	✓	✓	✓
Test Lead Input Icon	-	-	✓	✓	-	-
Automatic Shut Off	✓	✓	-	✓	✓	✓
Data Hold	-	-	✓	-	✓	✓
Bar Graph	-	-	-	-	✓	✓
Backlit Display	-	-	-	-	✓	✓
Relative	-	-	-	✓	✓	✓
SELECT	-	-	-	✓	✓	✓
RANGE	-	-	-	-	✓	✓
Hz/%	-	-	-	-	✓	✓
MAX/MIN	-	-	-	-	✓	✓
Low imp 400kohm	-	-	-	✓	-	-
Bench Stand	✓	✓	✓	✓	✓	✓
cETLus	✓	✓	✓	✓	✓	✓
CE	✓	✓	✓	✓	✓	✓
CAT Rating	III	III	III	III	IV	IV
Warranty	5 FIVE YEAR Warranty	5 FIVE YEAR Warranty	5 FIVE YEAR Warranty	5 FIVE YEAR Warranty	5 FIVE YEAR Warranty	5 FIVE YEAR Warranty

SPERRY™ INSTRUMENTS

Sperry Instruments
N85 W12545 Westbrook Crossing
Menomonee Falls WI 53051
800.645.5398

sperryinstruments.com

Today, Actuant Electrical provides electrical tools, transformers, wiring devices and other power management products for the professional, retail/do-it-yourself (DIY), harsh environment, marine, and diverse OEM end-market channels. Our focus is to create innovative electrical products using consistent, high quality processes. We deliver these products wherever our customers need them, anywhere in the world. Whether we power life-saving medical devices or alternative energy sources or create electrical products for marine on-board applications or industrial environments, the varied experience behind our products translates into quality for our customers. actuant.com/electrical

