



Southwire®

10030S

# MANUAL RANGING MULTIMETER

This general purpose multimeter is perfect for basic electrical repairs. Features include a rugged double molded housing, backlit display and battery test function.



**EASY TO READ DISPLAY**  
Backlit digital display

**MULTI FUNCTION**  
7 functions with 20 ranges

**RUGGED DESIGN**  
Impact resistant double molded housing also provides comfortable grip

**BATTERY TESTING**  
Tests AAA, AA, C, D,  
and 9 volt batteries

7 FUNCTIONS
AC Voltage
DC Voltage
Battery Test
DC Current
Resistance
Continuity
Diode Test



Southwire™

TOOLS & EQUIPMENT

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BUILT FOR RELIABILITY.  
BUILT FOR WORK.]

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## Features

- 7 functions with 20 ranges
- Backlit digital display
- Special ranges for testing AAA, AA, C, D and 9V batteries
- Impact resistant double molded housing provides comfortable grip
- Integrated tilt-stand for easy viewing

## Specifications

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)
AC VOLTAGE (50/60Hz)	200.0V	0.1V	± (1.2% + 10)
	600V	1V	
DC VOLTAGE	200.0mV	0.1mV	± (0.5% + 2)
	2000mV	1mV	
	20.00V	10mV	
	200.0V	0.1V	± (0.8% + 2)
	600V	1V	
BATTERY TEST	1.5A	10mA	± (1.0% + 2)
	9V	10mA	
DC CURRENT	2000µA	1µA	± (1.0% + 2)
	20.00mA	10µA	
	200.0mA	0.1mA	± (1.2% + 2)
	10.00A	10mA	
RESISTANCE	200.0Ω	0.1Ω	± (1.0% + 2)
	2000kΩ	1Ω	
	20.00kΩ	10Ω	± (0.8% + 4)
	200.0kΩ	100Ω	
	2000kΩ	1kΩ	
CONTINUITY	Audible beeper if the resistance is approximately 30Ω or less		
DIODE TEST	Test current 1mA max., open circuit voltage of 2.8V typical		

GENERAL SPECIFICATIONS	
Safety Rating	CAT III 300V, CAT II 600V
AC Response	Average Responding
Operation	Manual Ranging
Display	2000 count backlit LCD
Operating Temperature	32° to 104°F (0° to 40°C)
Storage Temperature	14° to 140°F (-10° to 60°C)
Battery	One 9V
Dimensions	5.44 x 2.60 x 1.5 in. (138 x 64 x 38mm)
Weight	0.56 lbs (255g)

## Includes

- 10030S Multimeter
- Test leads
- 9 volt battery



Double molded housing for comfortable grip



Test in low-light areas

