



Southwire™

TOOLS & EQUIPMENT

**ResidentialPRO™
TRUE RMS CAT III
MULTIMETER**

ResidentialPRO™ TRUE RMS CAT III MULTIMETER

With 11 measurement functions, True RMS readings, a Low Z measurement function, and a rugged waterproof and dust proof housing, this compact multimeter has the features needed to get the job done. A built-in flashlight provides added convenience.



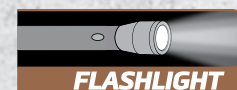
13070T

**CAT III 600V
SAFETY RATING,
UL LISTED**

**TrueRMS - HIGHER
ACCURACY ON
AC CIRCUITS**

**LOW-Z - ELIMINATES
FALSE READINGS
FROM 'GHOST
VOLTAGE'**

**MULTI FUNCTION
- 11 MEASURING
FUNCTIONS, PLUS
MAX/MIN**



ResidentialPRO™ TRUE RMS CAT III MULTIMETER

13070T

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)	
AC Voltage / (50 to 60Hz)	4.000V	1mV	±(1.5% + 10)	
	40.00V	10mV		
	400.0V	0.1V		
	600V	1V		
Low Z AC VOLTAGE	4.000V	1mV	±(1.5% + 10 digits)	
	40.00V	10mV		
	300.0V	0.1V		
DC VOLTAGE	400.0mV	0.1mV	±(0.8% + 8)	
	4.000V	1mV	±(1.2% + 2)	
	40.00V	10mV		
	400.0V	0.1V		
	600V	1V		
Low Z DC VOLTAGE	400.0mV	0.1mV	±(0.8% + 8)	
	4.000V	1mV	±(1.2% + 2)	
	40.00V	10mV		
	300.0V	0.1V		
AC Current (50 to 60Hz)	4.000A	1mA	±(3.0% + 5)	
	10.00A	10mA		
DC CURRENT	4.000A	1mA	±(3.0% + 5)	
	10.00A	10mA		
RESISTANCE ±(1.2% + 4)	400.0Ω	0.1Ω	±(2.5% + 5)	
	4.000kΩ	1Ω		
	40.00kΩ	10Ω		
	400.0kΩ	100Ω		
	4.000MΩ	1kΩ		±(2.0% + 20)
	40.00MΩ	10kΩ		±(5.0% + 20)
CONTINUITY	Audible beeper if resistance is approx. 40Ω or less			
DIODE TEST	Test current 1.5mA max., open circuit voltage 3V typical			
CAPACITANCE	40.00nF	10pF	±(5.0% + 50)	
	400.0nF	100pF	±(3.0% + 5)	
	4.000μF	0.001μF		
	40.00μF	0.01μF		
	400.0μF	0.1μF	±(5.0% + 10)	
	4000μF	1μF		
FREQUENCY	9.999Hz	0.001Hz	±(1.5% + 5)	
	99.99Hz	0.01Hz		
	999.9Hz	0.1Hz		
	9.999kHz	1Hz	±(1.2% + 3)	
	99.99kHz	10Hz		
	999.9kHz	100Hz		
	9.999MHz	1kHz		
DUTY CYCLE	0.1 to 99.9%	0.1%	±(1.2% + 2)	
TEMPERATURE	-4°F to 1400°F	0.1°F	±(3.0% + 9°F)	
	-20°C to 760°C	0.1°C	±(3.0% + 5°C)	

- True RMS provides accurate AC readings
- Low Z function eliminates false readings from “Ghost” voltage
- 11 measuring functions plus MAX/MIN
- Built-in LED flashlight for added convenience
- Rugged IP67 waterproof and dust tight housing

INCLUDES:

13070T Multimeter, test leads, temperature probe, three AAA batteries

GENERAL SPECIFICATIONS:

SAFETY RATING	CAT III 600V, UL listed
ENCLOSURE	IP67 waterproof and dust proof
AC RESPONSE	True RMS
AUTO POWER OFF	After approx. 15 minutes of inactivity
DISPLAY	4000 count backlit LCD
BATTERIES	Three AAA 1.5V batteries
OPERATING TEMPERATURE	32°F to 122°F (0°C to 50°C)
STORAGE TEMPERATURE	-4°F to 140°F (-20°C to 60°C)
DIMENSIONS/WEIGHT	5.8" x 2.7" x 2.0"/0.70lb (147 x 68 x 50mm/318g)

1-855-SWTOOLS | 1-855-798-6657

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