



Southwire™

TOOLS & EQUIPMENT

COMPACT 3-IN-1 CAT IV MULTIMETER

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Designed for the electrician on the go. This compact CAT IV 3-in-1 combination multimeter with built-in flashlight and non-contact AC voltage detector is the perfect fit for a crowded tool bag.



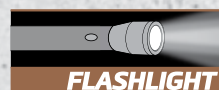
16020N

**CAT IV 600V SAFETY
RATING, UL LISTED
3-IN-1 COMBINATION**

- **Multimeter**
- **Flashlight**
- **Non-contact AC
voltage detector**

**FITS IN TOOL BAG
COMPACT SIZE WITH
INTEGRATED TEST
LEADS IS PERFECT
FOR PORTABLE USE**

**AUTOMATIC FUSE
PROTECTION - FUSE
RESETS ITSELF
AND NEVER NEEDS
CHANGING**





COMPACT 3-IN-1 CAT IV MULTIMETER

16020N

- Compact size is perfect for crowded tool bag
- Built-in non-contact AC voltage detector and LED flashlight for added convenience
- 10 measuring functions
- Fuse automatically resets itself
- Rugged double molded housing

INCLUDES:

16020N Multimeter with integrated test leads, two AAA batteries

GENERAL SPECIFICATION:

SAFETY RATING	CAT IV 600V, UL listed
AC RESPONSE	Average Responding
AUTO POWER OFF	After approx. 30 minutes of inactivity
DISPLAY	4000 count backlit LCD
BATTERIES	Two "AAA" 1.5V batteries
OPERATING TEMPERATURE	32°F to 104°F (0°C to 40°C)
STORAGE TEMPERATURE	14°F to 122°F (-10°C to 50°C)
DIMENSIONS/WEIGHT	4.6" x 2.3" x 1.4"/0.32lb (116 x 59 x 36mm/145g)

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)
AC VOLTAGE (50 to 60Hz)	4.000V	1mV	±(1.0% + 8)
	40.00V	10mV	
	400.0V	0.1V	±(2.3% + 10)
	600V	1V	
DC VOLTAGE	400.0mV	0.1mV	±(0.5% + 3)
	4.000V	1mV	±(1.2% + 3)
	40.00V	10mV	
	400.0V	0.1V	
	600V	1V	
AC CURRENT (50 to 60Hz)	400.0µA	0.1µA	±(2.5% + 10)
	4000µA	1µA	
	40.00mA	10µA	
	200.0mA	0.1mA	
DC CURRENT	400.0µA	0.1µA	±(2.0% + 8)
	4000µA	1µA	
	40.00mA	10µA	
	200.0mA	0.1mA	
RESISTANCE	400.0Ω	0.1Ω	±(0.8% + 5)
	4.000kΩ	1Ω	±(1.2% + 5)
	40.00kΩ	10Ω	
	400.0kΩ	100Ω	
	4.000MΩ	1kΩ	±(5.0% + 5)
	40.00MΩ	10kΩ	±(10.0% + 5)
CONTINUITY	Audible beeper if resistance is approx. 100Ω or less		
DIODE TEST	Test current 1mA max., open circuit voltage 1.5V typical		
CAPACITANCE	51.20nF	10pF	±(5.0% + 30)
	512.0nF	100pF	±(3.0% + 15)
	5.120µF	0.001µF	±(5.0% + 25)
	51.20µF	0.01µF	
	100.0µF	0.1µF	
FREQUENCY	9.999Hz	0.001Hz	±(2.0% + 5)
	99.99Hz	0.01Hz	
	999.9Hz	0.1Hz	
	9.999kHz	1Hz	
DUTY CYCLE	0.5 to 99.0%	0.1%	±(2.0% + 5)