



**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.



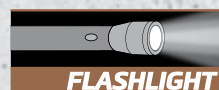
## 16020N

**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:

<b>SAFETY RATING</b>	CAT IV 600V, UL listed
<b>AC RESPONSE</b>	Average Responding
<b>AUTO POWER OFF</b>	After approx. 30 minutes of inactivity
<b>DISPLAY</b>	4000 count backlit LCD
<b>BATTERIES</b>	Two "AAA" 1.5V batteries
<b>OPERATING TEMPERATURE</b>	32°F to 104°F (0°C to 40°C)
<b>STORAGE TEMPERATURE</b>	14°F to 122°F (-10°C to 50°C)
<b>DIMENSIONS/WEIGHT</b>	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	±(5.0% + 5)
	4.000MΩ	1kΩ	
	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)

BUILT FOR DURABILITY.  
BUILT FOR RELIABILITY.  
BUILT FOR WORK.™

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