



Southwire™

TOOLS & EQUIPMENT

TechnicianPRO™ BLUETOOTH® CAT IV MULTIMETER

14090T

**RUGGED IP67
WATERPROOF AND
DUST TIGHT HOUSING**

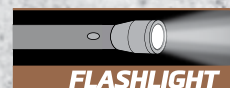
**CAT IV 600V/CAT III
1000V SAFETY RATING,
UL LISTED**

BLUETOOTH® TECHNOLOGY

- Record, save, share readings
- Control meter at a safe distance
- Free MApp™ mobile app

**BACKLIT CONTROLS
ALL CONTROLS ARE
BACKLIT FOR LOW
LIGHT VISIBILITY**

**TrueRMS - HIGHER
ACCURACY ON
AC CIRCUITS**



TechnicianPRO™ BLUETOOTH® ENABLED CAT IV MULTIMETER

This Bluetooth® enabled multimeter in combination with Southwire's Mapp™ mobile app allows you to view, record, and share readings on your smartphone. Designed for demanding environments. Features include a CAT IV safety rating, a rugged IP67 waterproof and dust tight housing, True RMS and Low Z readings, backlit controls, and powerful built-in work light.



TechnicianPRO™ BLUETOOTH® CAT IV MULTIMETER

14090T

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)
AC VOLTAGE (50 to 1000Hz)	6.000V	1mV	±(1.0% + 5)
	60.00V	10mV	
	600.0V	0.1V	
	1000V	1V	±(1.2% + 5)
Low Z AC VOLTAGE	6.000V	1mV	±(3.0% + 40 digits)
	60.00V	10mV	
	600.0V	0.1V	
DC VOLTAGE	600.0mV	0.1mV	±(0.9% + 8)
	6.000V	1mV	±(0.9% + 5)
	60.00V	10mV	
	600.0V	0.1V	
	1000V	1V	±(1.0% + 3)
Low Z AC VOLTAGE	600.0mV	0.1mV	±(3.0% + 40 digits)
	6.000V	1mV	
	60.00V	10mV	
	600.0V	0.1V	
AC + DC VOLTAGE (60 to 400Hz)	6.000V	1mV	±(2.0% + 30 digits)
	60.00V	10mV	
	600.0V	0.1V	
	1000V	1V	±(2.0% + 5 digits)
AC CURRENT (50 to 1000Hz)	600.0µA	0.1µA	±(1.0% + 3)
	6000µA	1µA	
	60.00mA	10µA	
	600.0mA	0.1mA	
	10.00A	10mA	±(2.0% + 8)
DC CURRENT	600.0µA	0.1µA	±(1.0% + 3)
	6000µA	1µA	
	60.00mA	10µA	
	600.0mA	0.1mA	
	10.00A	10mA	±(1.5% + 3)
RESISTANCE ±(1.5% + 5)	600.0Ω	0.1Ω	
	6.000kΩ	1Ω	
	60.00kΩ	10Ω	
	600.0kΩ	100Ω	
	6.000MΩ	1kΩ	
	60.00MΩ	10kΩ	±(2.0% + 10)
CONTINUITY	Audible beeper if resistance is approx. 50Ω or less		
DIODE TEST	Test current 1.5mA, open circuit voltage 3V typical		
CAPACITANCE	60.00nF	10pF	±(5.0% + 35)
	600.0nF	100pF	±(3.0% + 5)
	6.000µF	0.001µF	
	60.00µF	0.01µF	
	600.0µF	0.1µF	
	6000µF	1µF	±(5.0% + 5)
FREQUENCY	9.999Hz	0.001Hz	±(1.0% + 5)
	99.99Hz	0.01Hz	
	999.9Hz	0.1Hz	
	9.999kHz	1Hz	
DUTY CYCLE	20.0 to 80.0%	0.1%	±(1.2% + 2)
TEMPERATURE	-4°F to 1400°F	0.1°F	±(1.5% + 9°F)
	-20°C to 760°C	0.1°C	±(1.5% + 5°C)

- Bluetooth® for viewing, recording and sharing readings using Southwire's Mapp™ mobile app
- Lighted controls and backlit display allow use in dimly lit areas
- TrueRMS measurements provide accurate AC readings and a Low Z function eliminates false readings from "Ghost" voltage
- Includes magnetic hanging strap for hands free operation
- Powerful LED work light

INCLUDES:

14090T Multimeter, test leads, temperature probe, magnetic hanging strap, carrying case, four AAA batteries

GENERAL SPECIFICATIONS:

SAFETY RATING	CAT IV 600V/CAT III 1000V, UL listed
ENCLOSURE	IP67 waterproof and dust proof
AC RESPONSE	True RMS
AUTO POWER OFF	After approx. 15 minutes of inactivity
DISPLAY	6000 count backlit LCD with analog bar graph
BATTERIES	Four AAA 1.5V batteries
OPERATING TEMPERATURE	32°F to 104°F (0°C to 40°C)
STORAGE TEMPERATURE	14°F to 140°F (-10°C to 60°C)
DIMENSIONS/WEIGHT	6.7" x 3.0" x 1.9"/0.85lb (170 x 75 x 48mm/386g)

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