



Southwire®

23030T & 23070T

MaintenancePRO™ 1000A CLAMP METERS

The MaintenancePRO™ 23030T and 23070T clamp meters are rugged high end AC and AC/DC 1000A clamp meters for the serious electrician. With a UL listed safety rating of CAT IV 600V/CAT III 1000V, these clamp meters are built to get the tough jobs done.

23030T

BUILT IN NCV

1000A AC MAXIMUM

23070T

BUILT IN NCV

1000A AC/DC MAXIMUM

CAT IV 600V
UL61010-1
SAFETY RATED

CAT III 1000V
UL61010-1
SAFETY RATED

UL US LISTED

CE

NCV

TRUE RMS

FLASHLIGHT



Southwire®

TOOLS & EQUIPMENT

[BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.]

1-855-SWTOOLS
(855-798-6657)



Southwiretools.com

Features

- 11 Measuring functions
- Powerful LED work light
- Built in non-contact AC voltage detector
- 6,000 count backlit display
- Rugged meter with CAT IV 600V/CAT III 1000V safety rating



Specifications

FUNCTION	RANGE	RESOLUTION	ACCURACY ±(% OF READING + DIGITS)
AC CURRENT (50 TO 60HZ)	60.00	10mA	±(2.5% + 8)
	600.0A	0.1A	
	1000A	1A	
DC CURRENT (23070T ONLY)	60.00A	10mA	±(2.5% + 8)
	600.0A	0.1A	
	1000A	1A	
AC VOLTAGE (50 TO 400HZ)	6.000V	1mV	± (1.5% + 5)
	60.00V	10mV	
	600.0V	0.1V	
	1000V	1V	
NCV (NON-CONTACT AC VOLTAGE)	100 to 1000V AC		
DC VOLTAGE	600.0mV	0.1mV	± (1.0% + 20)
	6.000V	1mV	± (1.2% + 3)
	60.00V	10mV	
	600.0V	0.1V	
	1000V	1V	
RESISTANCE	600.0Ω	0.1Ω	± (1.0% + 4)
	6.000kΩ	1Ω	± (1.5% + 2)
	60.00kΩ	10Ω	
	600.0kΩ	100Ω	
	6.000MΩ	1kΩ	
	60.00MΩ	10kΩ	± (3.0% + 8)
CONTINUITY	Audible beeper < 50Ω		
DIODE TEST	Typical test current and open voltage: 0.3mA / < 2V DC		
CAPACITANCE	60.00nF	10pF	± (5.0% + 30)
	600.0nF	0.1nF	
	6.000μF	1nF	± (3.0% + 5)
	60.00μF	10nF	
	600.0μF	0.1μF	
	6000μF	1μF	
FREQUENCY	6.000Hz	0.001Hz	± (1.0% + 5)
	60.00Hz	0.01Hz	
	600.0Hz	0.1Hz	
	6.000kHz	1Hz	
	60.00kHz	10Hz	
	600.0kHz	100Hz	
	10.00MHz	0.01MHz	
DUTY CYCLE	0.5 to 99.9%	0.1%	± (1.2% + 10)
TEMPERATURE	-4 to 1400°F	0.1°F	±3% ± 9°F
	-20° to 760°C	0.1°C	±3% ± 5°C

GENERAL SPECIFICATIONS

Safety Rating	CAT IV 600V and CAT III 1000V
AC Response	True RMS
Clamp Size	1.5" (38mm)
Operation	Autoranging
Auto Power Off (APO)	30 minutes (approximately)
Display	6000 count backlit LCD
Operating Temperature	41° to 104°F (5° to 40°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Batteries	One 9V battery
Dimensions	10.3 x 3.3 x 1.7 in. (262x 84 x 43mm)
Weight	0.69 lb (315g)


Southwire®
TOOLS & EQUIPMENT

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

**1-855-SWTOOLS
(855-798-6657)**


Southwiretools.com