

# MULTI DIGITAL CLAMP TESTER

AC CURRENT

**Model M-2010**



## FEATURES

- Additional AC/DC voltage, resistance, diode test and continuity check.
- Data hold and auto power off function.

## SPECIFICATIONS

Safety standard	: IEC 61010-1, IEC 61010-2-032 ,Installation Category III 600V phase to earth
E.M.C. standard	: EN 61326.
Measuring method	: Dual slope integration mode
Display	: 3.5 digit LCD, max. reading of 1999
Jaw opening capability	: 40mm $\phi$
Over range indication	: Blanking of all digits except MSD 1
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec.
Withstanding voltage	: AC 5500V 1 minute max. (Between the core of CT and outer case)
Operating temperature	: 0°C to 40°C, 80%RH max. ( Without condensation )
Storage temperature	: -10°C to 60°C, 70%RH max. ( Without condensation )
Power supply	: 1.5V (AM-4,LR03 or AAA) $\times$ 2
Power consumption	: 3.5mW
Auto power off	: Approx.10 minutes later after power on
Battery life	: Approx.500 hours continuous
Size	: 70(W) $\times$ 223(H) $\times$ 34(D)mm
Weight	: Approx.425g
Accessories	: Hard carrying case.....1 Instruction manual.....1 Test lead.....1set Batteries.....2

Accuracy (23°C $\pm$ 5°C, 80%RH or less)

Function	Range	Accuracy	Maximum input
AC A (50/60Hz) Manual ranging	20A	$\pm$ 1.2% rdg $\pm$ 10 dgt	AC600A
	200A	$\pm$ 1.2% rdg $\pm$ 10dgt	
	600A	$\pm$ 1.0% rdg $\pm$ 8 dgt	
AC V (50/60Hz) DC V Auto ranging	2V	$\pm$ 0.7% rdg $\pm$ 5 dgt	DC 600V or AC 600V rms
	20V	$\pm$ 1.2% rdg $\pm$ 5 dgt	
	200V	$\pm$ 1.2% rdg $\pm$ 5 dgt	
Resistance( $\Omega$ ) Auto ranging	600V	$\pm$ 1.2% rdg $\pm$ 5 dgt	Input protection 250V rms (30 second)
	200 $\Omega$	$\pm$ 1.2% rdg $\pm$ 5 dgt	
	2k $\Omega$	$\pm$ 1.2% rdg $\pm$ 5 dgt	
	20k $\Omega$	$\pm$ 1.2% rdg $\pm$ 5 dgt	
	200k $\Omega$	$\pm$ 1.2% rdg $\pm$ 5 dgt	
Continuity check	2000k $\Omega$	$\pm$ 1.2% rdg $\pm$ 5 dgt	250V rms
	20M $\Omega$	$\pm$ 3.0% rdg $\pm$ 10 dgt	
Diode test	2k $\Omega$	Beeper <approx.300 $\Omega$	250V rms
	2V	$\pm$ 10% rdg $\pm$ 3dgt	250V rms



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