

TM-1015 AC/DC Clamp-on Meter

is designed and built for use in an environment of pollution degree 2 according to IEC 61010-1(2001) and IEC 61010-2-032(2002) CAT III 600V.



ACCESSORIES

- User's manual
- Carrying case
- Test leads & test lead rubber holder
- 1.5V battery x 2pcs

POWER SUPPLY

- Battery type: R03 (AB)/SIZE AAA 1.5V/ UM4 battery x 2pcs.
- Battery life: 50 hours approx. (alkaline battery recommended)

OPERATION CONDITION

- Operating temperature & humidity: 5°C~ 40°C, below 80% RH.
- Storage temperature & humidity: -10°C ~ 60°C, below 70% RH.

DIMENSION

- Size: 205 x 64 x 39mm (L x W x H)
- Weight: About 280g (including battery)

DISPLAY

- Back light 3³/₄ digits LCD with maximum reading 3999 plus decimal point, unit symbol indication.
- Automatic polarity, "-" display for negative input.
- Overload indication: LCD will show "OL" in the upper left position.
- Low battery indication : Replace battery when LCD display "⎓".

FUNCTIONS

- Auto range, Auto power off (30 minutes)
- Function keys: Max./Min. Hold, Data Hold, Range Hold, Auto Zero.
- Test ranges: ACV, ACA, DCV, DCA, Ω, Continuity.
- The maximum conductor size is 30mm
- When Impedance in circuit is below 40Ω, the buzzer will sound.
- Double injection
- Safety sockets designed

SAMPLING SPEED

- Sampling rate: 2 times per second for digital display. 20 times per second for analog display.

SPECIFICATIONS

Accuracy: ± (.....%rdg.....dgt) at 23°C ± 5°C, below 80% RH.

	Range	Resolution	Accuracy 50Hz~500Hz	Input impedance	Overload protection
ACV	400mV	0.1mV	± (1.0%+50)	100MΩ	DC/AC 660V rms
	4V	1mV		11MΩ	
	40V	10mV	± (1.0%+3)	10MΩ	
	400V	100mV			
	600V	1V			
ACA	Range	Resolution	Accuracy 50Hz~60Hz	Overload protection	
	40A	0.01A	± (2.0%+10)	600A rms (60 Seconds)	
	400A	0.1A			
DCV	Range	Resolution	Accuracy	Input impedance	Overload protection
	400mV	0.1mV	± (0.8%+2)	100MΩ	DC/AC 660V rms
	4V	1mV		11MΩ	
	40V	10mV		10MΩ	
	400V	100mV			
600V	1V	± (1.0%+2)			
DCA	Range	Resolution	Accuracy	Overload protection	
	40A	0.01A	± (2.5%+10)	600A rms (60 Seconds)	
	400A	0.1A			
Continuity	Range	Buzzer	Max.open voltage	Overload protection	
	"∞"	Below 40Ω	About -1.5Vdc	600V rms	
Resistance	Range	Resolution	Accuracy	Max. sensitivity	Overload protection
	400Ω	0.1Ω	± (1%+5)	About -1.5Vdc	DC/AC 660V rms (60 Seconds)
	4KΩ	1Ω			
	40KΩ	10Ω	± (1%+3)	About -0.45Vdc	
	400KΩ	100Ω			
	4MΩ	1KΩ			
40MΩ	10KΩ	± (3%+3)			