

TM-21E and TM-22E (Trms) AC Clamp-on Meter

are designed and built for indoors use in an environment of pollution degree 2 according to IEC 1010-1 CAT II 1000V, IEC 1010-1 CAT III 600V and IEC 1010-2-032 CAT III 600V.



DISPLAY

- 3 1/2 digits LCD with maximum reading 1999, plus decimal point, unit symbol indication.
- Overload indication: LCD will show “1” in the left highest position.
- Low battery indication: Replace battery immediately when LCD displays “ BAT ”.

FUNCTIONS

- TM-22E with True RMS measurements
- Function keys: Data Hold.
- Test ranges: ACA, ACV, Ω .
- The maximum conductor size is 35mm

SAMPLING SPEED

- Sampling Rate: 2 times per second for digital display.

SPECIFICATIONS

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

	Range	Resolution	Accuracy 50Hz~500Hz	Overload protection
ACV (TM-21E)	200V	0.1V	\pm (1.2%+5)	600V rms
	600	1V		

	Range	Resolution	Accuracy	Overload protection
ACV (TM-22E)	200V	0.1V	50Hz~500Hz \pm (1.2%+5) 500Hz~1kHz \pm (2.5%+5)	600V rms
	600V	1V	50Hz~500Hz \pm (1.2%+5)	

* TRUE RMS: From 10% to 100% of the range

	Range	Resolution	Accuracy 50Hz~60Hz	Overload protection
ACA	20A	0.01A	\pm (2.0%+10)	800A rms (60 Seconds)
	200A	0.1A		
	600A	1A	\pm (1.5%+5)	

	Range	Resistance	Accuracy	Max. open voltage	Overload protection
Resistance	2K Ω	1 Ω	\pm (1.0%+2)	0.4Vdc	500V rms
	200K Ω	0.1K Ω			

ACCESSORIES

- User's manual
- Carrying case
- Test leads
- 9V battery x 1pc

POWER SUPPLY

- Battery type: 9V NEDA 1604 IEC 6F22 JIS 006P x 1pc.
- Battery life: About 200 hours.

OPERATION CONDITION

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

DIMENSION

- Size: 218 x 75 x 43 mm (L x W x H)
- Weight : About 335g (including battery)