

YF-8050 AC Clamp-on Meter

is designed and built for use in an environment of pollution degree 2 according to IEC 1010-2-32 and IEC 1010-2-31 1000V CAT III in conjunction with BSEN 61010-1 / IEC 1010-1.



DISPLAY

- 3 3/4 digits LCD with maximum reading 3999, plus decimal point, unit symbol indication.
- Overload indication: LCD will show "OL" at the left side.
- Low battery indication: Replace battery immediately when LCD displays " 𐀀 ".

FUNCTIONS

- Auto power off
- Function keys: Peak Hold.
- Test ranges: ACV, ACA, Ω , Frequency, Continuity.
- The maximum conductor size is 52mm
- Non-contact frequency measurement

SAMPLING SPEED

- Sampling rate: 2.5 times per second.

SPECIFICATIONS

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

	Range	Resolution	Accuracy	Input impedance	Overload protection
ACV	400V	0.1V	\pm (1%+4)	10M Ω	DC1000V AC750V rms
	750V	1V			

	Range	Resolution	Accuracy 50Hz-60Hz	Overload protection
ACA	40A	0.01A	\pm (1.5%+3)	1200A (60 Seconds)
	400A	0.1A	\pm (1.5%+4)	
	1000A	1A		

	Range	Resolution	Accuracy	Max. open voltage	Overload protection
Resistance	4K Ω	1 Ω	\pm (1%+2)	3.1-3.5V	600V rms

	Range	Resolution	Accuracy	Max. sensitivity	Overload protection
Frequency (Auto)	4KHz	1Hz	\pm (0.8%+3)	3V rms	600V rms
	40KHz	10Hz			
	400KHz	100Hz			
	4000KHz	1KHz	\pm (1.2%+3)	5V rms	

	Range	Resolution	Sound level	Max. open voltage	Overload protection
Continuity	" "	1 Ω	Below 300 Ω	3.1-3.5V	600V rms

ACCESSORIES

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

POWER SUPPLY

- Battery type: 9V NEDA 1604 IEC 6F22 JIS 006P battery 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: 250 x 70 x 35mm (L x W x H)
- Weight: About 420g (including battery)