



### Specifications

Safety standard	: IEC 61010-1, IEC 61010-2-032, Installation Category II 600V or Category III 300V.
E.M.C. standard	: EN 61326.
Measuring method	: Dual slope integration mode
AC conversion	: Truerms responding
Display	: 3.5 digit LCD, max. reading of 3999
Input frequency	: 45Hz ~ 65Hz
Affection of magnetic field	: 3mA or less (at 100A nearby conductor)
Jaw opening capability	: 40mm φ
Over range indication	: "OL" mark on LCD
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec.
Withstanding voltage	: AC 3700V 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) × 3
Power consumption	: 13mA
Auto power off	: Approx. 20 minutes later after power on
Battery life	: Approx. 50 hours continuous
Size	: 70(W) × 223(H) × 34(D)mm
Weight	: Approx. 440g
Accessories	: Hard carrying case.....1 Instruction manual.....1 Batteries.....3

Accuracy (23 °C ± 5°C 80%RH or less) Crest factor : < 3 (0 ~ 50% of range)  
< 2 (50 ~ 100% of range)

Range	Resolution	Accuracy	Max. input
AC 400mA	0.1mA	± 1.0% rdg ± 8 dgt	AC 300Arms
AC 4A	1mA		
AC 40A	10mA		
AC 300A	100mA	± 1.0% rdg ± 1% of full scale	AC 250Vrms
AC 400mV	0.1mV	± 1.0% rdg ± 8 dgt	
AC 400V	100mV	± 1.0% rdg ± 8 dgt	AC 450Vrms
4000Ω	1 Ω	± 1.0% rdg ± 8 dgt	AC 400Vrms

AC Leakage Current, 400mA/4A/40A/300A  
True rms reading, 40mm φ CT  
Harmonics Current & Voltage

### Features

- Harmonics and leakage current measurements.
- Up to 25th harmonics current and voltage measurements.
- True rms reading for ACA and ACV.
- Data-hold and Auto power off function.
- Confirm to IEC safety requirements.

### Harmonics mode

Measuring method	: Synchronous filter
Measurable harmonics	: Fundamental to 25th harmonics
Minimum input	: More than 5% of full scale in each range

Harmonics	Accuracy (In case of more than 4 % harmonics is included against fundamental input)
1~9th	(± 1%rdg ± 5 dgt) ± (basic accuracy of ACA or ACV) — (Error by neighboring harmonics)
10~19th	(± 2%rdg ± 5 dgt) ± (basic accuracy of ACA or ACV) — (Error by neighboring harmonics)
20~25th	(± 5%rdg ± 5 dgt) ± (basic accuracy of ACA or ACV) — (Error by neighboring harmonics)