

Specifications

CF (Crest Factor):	CF = 2.5 or less
Standards:	IEC 61010-1 Overvoltage CAT III 300V, pollution degree 2 IEC 61010-2-032 IEC 61326 (EMC standard)
Indication:	LCD Max. 1049 units, symbols
Over-range Display:	"OL" symbol is displayed on the LCD (Only on current range)
Response Time:	Approx. 2 sec
Sample Rate:	Approx. 2 times per second
Temperature & Humidity Range Accuracy Guaranteed:	23°C ± 5°C, relative humidity up to 75% without condensation
Operating Temperature & Humidity:	0 ~ 40°C, relative humidity up to 85% without condensation
Storage Temperature & Humidity:	-20 ~ 60°C, relative humidity up to 85% without condensation
Power Source:	DC3V: R03 (UM-4) x 2pcs
Current Consumption:	Approx. 12mA or less To decrease current consumption, detecting circuit is on only for 0.1/0.5sec
Power Off Function:	Power off function operates automatically after a switch remains for 10min.
Overload Protection:	AC/DC current: AC/DC 120A/ 10 sec. AC voltage (NCV): AC360V/ 10 sec.
Withstand Voltage:	AC 3700V/ for one minute (Between electrical circuit and enclosures)
Insulation Resistance:	10M / 1000V (Between electrical circuit and enclosures)
Max. Diameter of Measured Object:	Max. 10mm
Dimension:	161.3 (L) x 40.2 (W) x 30.3 (D) mm
Weight:	110g (battery included)
Accessories:	Battery R03 Instruction manual Carrying case

AC Current ~ A

Range	Measuring Range	Accuracy	CF (Crest Factor)
ACA	0 ~ 100A	± 2.0% rdg ± 5dgt (50/60Hz)	CF ≤ 2
		± 3.0% rdg ± 5dgt (50/60Hz)	2 < CF ≤ 2.5

DC Current A

Range	Measuring Range	Accuracy
DCA	0 ~ ± 100A	± 2.0% rdg ± 5dgt

AC Voltage ~ V

Range	Measuring Range	Accuracy
NCV	AC 300V or less	Normal condition: Lo At voltage detecting (single wire AC80V or more) : Hi

Note: NCV range is calibrated to detect voltage, where non-grounded single wire, AC80V or more. However, detecting sensitivity may be affected by the absence of grounded or non-grounded metal tube or metal case. Also it may be affected in the place where influenced by other voltages, how you grip the instrument or the measuring position of sensor.