

Measuring Range and Accuracy

(At 23±5°C, relative humidity 45-75%)

AC Current (A)

Range	Measuring Range	Accuracy
40A	0-39.99A	± 2.0% rdg ± 6 dgt (50/60Hz)
400A	0-299.9A	

AC Voltage (V) Auto-ranging

Range	Measuring Range	Accuracy
400V	0-399.9V	± 2.0% rdg ± 5 dgt (50/60Hz)
600V	150-599V	

DC Voltage (V) Auto-ranging

Range	Measuring Range	Accuracy
400V	0-399.9V	± 1.5% rdg ± 5 dgt
600V	150-599V	

Resistance (Ω/Continuity) Auto-ranging

(Buzzer beeps below 50 ± 35 Ω)

Range	Measuring Range	Accuracy
400	0-399.9	± 2.0% rdg ± 5 dgt
4000	150-3999	

EMC (IEC61000-4-4):

RF electromagnetic field < 1V/m;
Total accuracy = specified accuracy
RF electromagnetic field = 3V/m;
Total accuracy = specified accuracy + 2% of range
Dual Integration

Operating System:

Display:

Low Battery Warning:

Over-range Indication:

Response Time:

Sample Rate:

Temperature and Humidity for Guaranteed Accuracy:

Operating Temperature and Humidity:

Storage Temperature and Humidity:

Power Source:

Current Consumption:

Sleep Function:

Liquid crystal display (maximum count: 3999)
"BAT" is shown on display
"OL" is shown on the display

Approx 2 seconds

About 2.5 times per second

23 ± 5°C, relative humidity up to 85% without condensation

0 ~ 40°C, relative humidity up to 85% without condensation

-20 ~ 60°C, relative humidity up to 85% without condensation

Two R03 or equivalent (DC1.5V) batteries

Approx. 2.5mA max

Automatically powered down in about 10 minutes after the last switch operation (power consumption in the sleep mode is about 20µA.)

Standards:

IEC61010-2

CAT III 300V, pollution degree 2

CAT II 600V, pollution degree 2

IEC61010-2-031

IEC61010-2-032

Overload Protection:

AC current ranges: 480A AC/DC for 10 sec

AC voltage ranges: 720V AC/DC for 10 sec

Resistance ranges: 300V AC/DC for 10 sec

Operating Environment Conditions:

Withstand Voltage:

Insulation Resistance:

Conductor Size:

Dimensions:

Weight:

Accessories:

Indoor use, altitude up to 2000m

3700VAC (RMS, 50/60Hz) for 1 minute between electrical circuit and housing case

10M Ω or greater at 1000V between electrical circuit and housing case

Approx. 30mm diameter max

184 (L) x 44 (W) x 27 (D) mm

Approx. 190g (including batteries)

Test leads

Two R02 batteries

Instruction manual