

Specifications

Environment conditions:

- ① Installation Categories II
- ② Pollution Degree 2
- ③ Altitude up to 2000 meters
- ④ Indoor use only
- ⑤ Relatively humidity 80% max.
- ⑥ Operation Ambient 0~40°C

Maintenance & Clearing:

- ① Repairs or servicing not covered in this manual should only be performed by qualified personnel.
- ② Periodically wipe the case with a dry cloth. Do not use abrasives or solvents on this instrument.

Display: Large LCD with dual display

Measurement Range: 200Ω, 200kΩ, 200MΩ/250V, 200MΩ/500V, 2000MΩ/1000V, 750V/ACV, 1000V/DCV

Sampling Rate: 2.5 times per second

Over-range Indicator: Number 1 of the highest digit is displayed

Low Battery Indication: The "BAT" is displayed when the battery voltage drops below the operating voltage

Operating Temperature: 0°C to 40°C (32°F to 104°F) and Humidity below 80% RH

Storage Temperature: -10°C to 60°C (14°F to 140°F) and Humidity below 70% RH

Power source: DC9V (6x1.5V Size "AA" battery or Equivalent)

Dimensions: 200(L) x 92(W) x 50(H) mm

Weight: Approx 700g include battery

Accessories: Test leads, 6pcs battery, Carrying case, manual.

Electrical Specifications

Accuracies are specified in the way: ± (...% of reading) at 23°C ± 5°C, below 80% RH.

OHMS

Range	Resolution	Accuracy	Max. Open Circuit Voltage	Overload Protection
200Ω	0.1Ω	± (1% + 2)	4.5V	250V rms
200kΩ	0.1kΩ		3.0V	

Continuity Beeper

Range	Resolution	Operation Resistance	Max. Open Circuit Voltage	Overload Protection
.)))	0.1Ω	Resistance ≤ 40Ω	4.5V	250V rms
Short circuit current			≤ 200mA	

DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload Protection
1000V	1V	± (0.8% + 3)	10MΩ	1000V rms

AC Voltage (40Hz ~ 400Hz)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
750V	1V	± (1.2% + 10)	10MΩ	750V rms

Meg OHMS

Range	Resolution	Accuracy	Terminal Voltage	Test Current	Short Circuit Current
200MΩ/250V	0.1MΩ	± (3%+5)	250V + 10% ~ -10%	250kΩ (load)	≤1mA
200MΩ/500V	0.1MΩ		500V + 10% ~ -10%	500kΩ (load)	
0~1000MΩ/1000V	1MΩ	± (5%+5)	1000V + 10% ~ -10%	1MΩ	
1000~2000MΩ/1000V					