

GENERAL SPECIFICATIONS

Insulation	Class2, Double insulation
Maximum voltage between any terminal and earth ground	50V AC/DC RMS
Display	6000 counts LCD display
Polarity	Automatic, (-) negative polarity indication
Over-range	"OL" mark indication
Low battery indication	A battery  symbol is displayed when the battery voltage drops below the operating level
Measurement rate	2 times per second (nominal)
Auto power off	Meter automatically shuts down after approx. 10 minutes of inactivity
Operating environment	-10°C to 50°C (32°F to 122°F) at < 70% RH
Storage temperature	-10°C to 60°C (-14°F to 140°F) at < 80% RH
Relative humidity	90% (0°C to 30°C); 75% (30°C to 40°C); 45% (40°C to 50°C)
For inside use max height	Operating: 3000m, Storage: 10,000m
Pollution degree	2
Power	Two 1.5V battery AG13/LR44
Accuracy	Accuracy is given at 18°C to 28°C (65°F to 83°F), less than 70% RH

TECHNICAL SPECIFICATIONS

DC Voltage (Auto ranging)

Range	Resolution	Accuracy
600.0mV	0.1mV	± 0.8% of rdg ± 2 digits
6.000V	1mV	
50.00V	10mV	

Input Impedance : 10MΩ
Maximum Input : 50VDC or 50VAC RMS

AC Voltage (Auto ranging)

Range	Resolution	Accuracy
600.0mV	0.1mV	± 1.0% of rdg ± 3 digits
6.000V	1mV	
50.00V	10mV	

Input Impedance : 10MΩ
AC Response : 50Hz, 60Hz
Maximum Input : 50VDC or 50VAC RMS

Resistance {Ω} (Auto ranging)

Range	Resolution	Accuracy
600.0Ω	0.1Ω	± 0.8% of rdg ± 8 digits
6.000kΩ	1Ω	± 0.8% of rdg ± 2 digits
60.00kΩ	10Ω	
600.0kΩ	100Ω	
6.000MΩ	1kΩ	± 2.5% of rdg ± 8 digits
60.00MΩ	10kΩ	

*Technical Specifications & Appearance are subject to change without prior notice



Capacitance (Auto ranging)

Range	Resolution	Accuracy
6.000nF	1pF	± 5.0% of rdg ± 50 digits
60.00nF	10pF	± 5.0% of rdg ± 7 digits
600.0nF	0.1nF	± 3.0% of rdg ± 5 digits
6.000uF	1nF	
60.00uF	10nF	
600.0uF	0.1uF	
6.000mF	0.001μF	± 10% of rdg ± 10 digits
60.00mF	10.00μF	

Note: The 6.000mF and 60.00mF both range is not available for auto scan mode

Diode Test

Test current	Resolution	Accuracy
1mA typical / Open MAX 3V	1mV	± 10% of rdg ± 5 digits

Audible continuity

Audible threshold : Less than 30Ω Test current MAX 1.5 mA

Overload Protection : 1000VDC or AC rms