



General Specifications:

- Display : LCD display.
- MAX.Display : 5999 digits (3 5/6) auto polarity display.
- Measuring method : ADC+MCU.
- Sampling rate : 3times/second.
- Overload display : "OL" displayed.
- Low battery indication : "  " symbol displayed.
- Data Hold Facility
- Relative Measurement
- Auto Power Off
- Working environment : (0 ~ 40) °C Relative humidity <80%.
- Power source : 2pcs 1.5V AAA
- Dimension : 280x70x45mm (length*width*height)
- Weight : about 300g (including the 1.5Vbattery)
- Jaw Dia: 30mm

Accessories : User manual, bag, a pair of test leads, temperature probe, battery.

Technical Specifications:
DC VOLTAGE

Range	Accuracy	Resolution
600mV	(0.5%+3)	0.1mV
6V		0.001V
60V		0.01V
600V		0.1V
1000V	(0.8%+10)	1V

Input impedance : 10MΩ.

Overload protection : 200mV range : 550V DC or AC Peak value.

Other ranges : 1000V DC or AC 750V Peak value

ACV VOLTAGE (T-RMS)

Range	Accuracy	Resolution
600mV	(0.8%+5)	0.1mV
6V		1mV
60V		10mV
600V		100mV
750V	(1.2%+10)	1V

Input impedance : 10MΩ.

Standard sine wave and Triangular wave : 40Hz-1 kHz

Other waveform : 40Hz-200Hz.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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AC AMPERE (T-RMS)

Range	Accuracy	Resolution
600uA*	(0.8%+5)	0.1uA
6000uA *		0.001mA
60A	(2%+30)	0.01A
600A		0.1A
1000A		1A

*Input from terminal and not the clamp jaw

Max. Measurement voltage dorp : 600mV.

Overload protection : 600uA/6000uA, 0.2A/250V resettable fuse. Positive input terminal : VΩ, negative input terminal : COM.

60A/600A/1000A, measured from the center of clamp sensor input.

Frequency response : Sin wave and Triangular wave : 40Hz-1Kz

Other waveform : 40Hz-200Hz

Display : TRMS value

RESISTANCE

Range	Accuracy	Resolution
600Ω	(0.8%+5)	0.1Ω
6KΩ	(0.8%+3)	1Ω
60KΩ		10Ω
600KΩ		100Ω
6MΩ	(1.0%+25)	1KΩ
60MΩ		10KΩ

Open circuit: less than 3V.

FREQUENCY

Range	Accuracy	Resolution
10Hz	(0.1%+3)	0.01Hz
100Hz		0.1Hz
1kHz		1Hz
10kHz		10Hz
100kHz		100Hz
1MHz/20MHz		1kHz/10kHz

Input sensitivity : 1Vrms

Overload protection : 550V DC or AC peak value (less than 10 seconds).

CAPACITANCE

Range	Accuracy	Resolution
60nF	(3.5%+20)	10pF
600nF		100pF
6uF		1nF
60uF		10nF
600uF	(5.0%+10)	100nF
6000uF		1uF

Overload protection : 550V DC or AC Peak value.

DIODE & CONTINUITY TEST

Range	Description	Test Condition
	Diode forward voltage drop	Forward DC current is approx1mA, reverse voltage is approx3V
	When the resistance under test is less than 50±20Ω, buzzer sounds continuously.	Open circuit voltage: 3V. Press "SELECT" to switch the functions.

TEMPERATURE

Range	Accuracy	Resolution
(-20~1000)°C	(1.0%+5) <400°C	1°C
(0~1832)°F	(0.75%+5) <750°F	1°F

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