

DIGITAL MULTIMETER SOLAR-9

APPLICATION: Mextech Solar9 is a Solar Digital Multimeter. It has an LCD Screen with Backlight. This instrument can be used to measure AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency, Diode, Continuity and other parameters. It is an ideal tool for electricians, Engineers, Repair Centers for Laptop & Mobiles & Electronics appliances, Factories, Industries, Laboratories, Students and Households.

FEATURES:

- Display: 1999 Count LCD Display
- Low battery Indication
- Diode and Continuity test
- Data hold & Back Light
- Overrange Indication "OL"
- Polarity Indication: "-" for Negative Polarity.
- **CAT III 600V**
- APO: After 15 Min From last key operation.
- Operating Temperature & Humidity: 0°C to 40°C, 45% to 80% RH
- Storage Temperature & Humidity: -10°C to 50°C, 45% to 80% RH
- Power Supply : AAA 1.5V Battery X 2.
- Unit Size 147 X 74 X 37 mm
- Weight: 160 gms (Without Battery).



SPECIFICATION:

DC Voltage

Ranges	Resolution	Accuracy
200mV	0.1mV	± (0.05% of reading + 2words)
2V	0.001V	
20V	0.01V	
600V	1V	± (1.0% of reading + 2words)
2000V	1V	± (1.5% of reading + 2words)

-Maximum input voltage: 2000V DC(RMS).

AC Voltage

Ranges	Resolution	Accuracy
600V	1V	±(1.2% reading +5 digits)
2000V	1V	±(1.5% reading + 5digits)

-Input impedance: 10MΩ.

-Response: True RMS

- Maximum input voltage:2000V Range of 2000V AC(RMS).

-Frequency Response: 40Hz~1kHz (for standard sine and triangle wave)

-Display: True RMS (for other waveform size 200Hz for reference only)

RESISTANCE

RANGE	RESOLUTION	ACCURACY
200Ω	0.1Ω	±(1.2% reading + 5digits)
2kΩ	0.001kΩ	
20kΩ	0.01kΩ	
200kΩ	0.1kΩ	
2MΩ	0.001MΩ	±(2.0% reading + 5 digits)
20MΩ	0.01MΩ	

Overload protection: PTC 250V DC or AC (RMS)

CAPACITANCE

RANGE	RESOLUTION	ACCURACY
200 μF	0.1μF	±(4.0% reading+5 digits)

Overload protection: 250V DC or AC (RMS)

FREQUENCY

RANGE	RESOLUTION	ACCURACY
2KHz	0.001KHz	±(1.0% reading + 5 digits)

DIODE AND CONTINUITY BUZZER

RANGE	DISCRIPTION
	Built-in-buzzer sounds when resistance <approx. 50Ω.
	Displays approximate forward voltage Diode.

Overload protection PTC 250V DC OR AC RMS

ACCESSORIES

User Manual, Test Lead, 2 X 1.5V batteries.