

AC/DC AUTO SCAN DMM

SEW



- 6000-count LCD
- AC/DC auto scanning
- Resistance, Diode, Capacitance auto scanning
- Backlight function
- ACV/DCV 600V
- AC/DC mA : 60.00 mA ~ 600.0 mA
- Resistance : 600.0 Ω ~ 60.00 M Ω
- Capacitance : 6.000 nF ~ 6.000 mF
- Frequency : 6.000 kHz ~ 100.0 kHz
- Diode, Continuity function
- VAHZ function for voltage and mA measurement
- Range change function
- Data hold
- Auto power off
- Low battery indication
- Comply with IEC/EN 61010-1, CAT III 600V
- Operating temperature : 0 ~ 40°C
- Relative humidity : 80% max.
- Dimension : 176 x 110 x 50mm



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Model

3500 DM

SPECIFICATIONS

DC Voltage

Ranges	Resolution	Accuracy
600mV	0.1mV	$\pm(0.5\%rdg+5dgt)$
6V	1mV	
60V	10mV	
600V	100mV	

• Input impedance : 10M Ω

AC Voltage

Ranges	Resolution	Accuracy
600mV	0.1mV	$\pm(1.0\%rdg+5dgt)$
6V	1mV	
60V	10mV	
600V	100mV	

• Input impedance : 10M Ω

DC mA

Ranges	Resolution	Accuracy
60mA	0.01mA	$\pm(1.2\%rdg+5dgt)$
600mA	0.1mA	

• Overload protection 600mA/600V fast blow fuse for 600mA.

AC mA

Ranges	Resolution	Accuracy
60mA	0.01mA	$\pm(1.5\%rdg+3dgt)$
600mA	0.1mA	

• Overload protection 600mA/600V fast blow fuse for 600mA.

General

Dimensions	176(L) × 110(W) × 50(D)mm
Weight (battery included)	Approx. 465g
Power source	1.5V (AA) × 2 (Alkaline battery)
Safety standard	IEC / EN 61010-1 CAT III 600V EN IEC 61326-1
Accessories	Instruction manual Batteries

Resistance

Ranges	Resolution	Accuracy
600 Ω	0.1 Ω	$\pm(1.2\%rdg+5dgt)$
6k Ω	1 Ω	
60k Ω	10 Ω	
600k Ω	100 Ω	
6M Ω	1k Ω	$\pm(2.3\%rdg+4dgt)$
60M Ω	10k Ω	

※ Scan mode: range 600 Ω ~ 6M Ω

Capacitance

Ranges	Resolution	Accuracy
6nF	1pF	$\pm(3\%rdg+10dgt)$
60nF	10pF	
600nF	100pF	
6 μ F	1nF	
60 μ F	10nF	
600 μ F	100nF	
6mF	1 μ F	

※ Scan mode: range 6nF ~ 600 μ F

Frequency

Ranges	Resolution	Accuracy
6kHz	1Hz	$\pm(0.5\%rdg+2dgt)$
60kHz	10Hz	
100kHz	100Hz	

Continuity

Range	Audible threshold
600 Ω	Less than 30 Ω

Diode

Range	Accuracy
2V	$\pm(1.5\%rdg+3dgt)$