

AC/DC AUTO SCAN DMM

SEW



CE

- 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 MΩ
- 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 EN IEC 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	±(0.5%rdg+5dgt)
6V	1mV	
60V	10mV	
600V	100mV	

- Input impedance : 10MΩ

AC Voltage

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

- Input impedance : 10MΩ

DC mA

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

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

AC mA

Ranges	Resolution	Accuracy
60mA	0.01mA	±(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	EN IEC 61010-1 CAT III 600V EN 61010-2-033 EN IEC 61326-1
Accessories	Instruction manual Batteries

Resistance

Ranges	Resolution	Accuracy
600Ω	0.1Ω	±(1.2%rdg+5dgt)
6kΩ	1Ω	
60kΩ	10Ω	
600kΩ	100Ω	
6MΩ	1kΩ	±(2.3%rdg+4dgt)
60MΩ	10kΩ	

- ※ Scan mode: range 600Ω ~ 6MΩ

Capacitance

Ranges	Resolution	Accuracy
6nF	1pF	±(3%rdg+10dgt)
60nF	10pF	
600nF	100pF	
6μF	1nF	
60μF	10nF	
600μF	100nF	
6mF	1μF	

- ※ Scan mode: range 6nF ~ 600μF

Frequency

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

Continuity

Range	Audible threshold
600Ω	Less than 30 Ω

Diode

Range	Accuracy
2V	±(1.5%rdg+3dgt)