



EMPOWERING
MEASUREMENT



Digital Multimeter 3³/₄ Digit (Autoranging)

DM3540A

FEATURES

- 3³/₄ digit autoranging Digital Multimeter with large LCD Display.
- Single Rotary Switch operation.
- Automatic Polarity, Low Batt & overrange indication. 33 Segment Bargraph display.
- Auto AC/DC Amp. selection.
- Auto AC/DC Volt selection.
- Auto Power off & Data hold facility.
- Dimension : 140 x 70 x 36mm (approx.)

SPECIFICATIONS

AC Voltage

Range	Accuracy	Resolution	Input Impedance
3.2V	±(1.2%+5digit)	1mV	Auto AC/DC : 3MΩ
32V		10mV	Manual : 6MΩ
320V		100mV	
750V		1V	

Overload Protection : 750V AC r.m.s. (Sine wave)

Frequency response : 50Hz to 400Hz.

AC Current

Range	Accuracy	Resolution	Burden Voltage
320uA	±(1.5%+5 digit)	0.1uA	<160mV
3200uA		1uA	< 1.6V
32mA		10uA	<160mV
320mA		100uA	<1.6V
10A	±(2.5%+5 digit)	10mA	<60mV

Overload Protection : All ranges Fuse protected including 10A range.

Maximum Input Current : 20A upto 15 seconds.

Resistance

Range	Accuracy	Resolution	Voltage
320Ω	Ω±(1.2%+5 digit)	0.1Ω	<1.5V
3.2KΩ		1Ω	
32KΩ		10Ω	
320KΩ		100Ω	
3.2MΩ		1KΩ	
32MΩ		10KΩ	

Overload Protection : Max 250V DC or AC r.m.s. <10secs.

Capacitance

Range	Accuracy	Resolution	Voltage
320nF	±(4.0%+5 digit)	0.1nF	<2V
32uF		10nF	

Continuity : Buzzer sounds when the resistance is less than 18Ω.

Diode : Test Current : Approx.1mA.

DC Voltage

Range	Accuracy	Resolution	Input Impedance
320mV	±(1.2%+2 digit)	100uV	Auto AC/DC : 3MΩ Manual: 6MΩ
3.2V		1mV	
32V		10mV	
320V		100mV	
1000V		1V	

Overload Protection : 1000VDC r.m.s. (Sine wave)

DC Current

Range	Accuracy	Resolution	Burden Voltage
320uA	±(1.5%+2 digit)	0.1uA	< 160mV
3200uA		1uA	< 1.6V
32mA		10uA	< 160mV
320mA		100uA	< 1.6V
10A	±(2.5%+2 digit)	10mA	< 60mV

Overload Protection : All ranges Fuse protected including 10A range.

Maximum Input Current : 20A upto 15 seconds.



1.The Instrument is accompanied with Test & calibration sheet. 2.Test Facilities can be provided at the factory with the available test set-ups only. 3.The Company's policy is continuous improvement of its products. we therefore reserve the Right of any deviation from illustration or specifications without notice. 4.Stated accuracies are valid from 1/10th of range to FS. 5.Accuracy Specified for temperature range of 25 C ± 5 C & 55%RH ±10%.

