



## Digital Multimeter 3<sup>3</sup>/<sub>4</sub> Digit (Autoranging ) DM3540A

### FEATURES

- 3<sup>3</sup>/<sub>4</sub> 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 : 3M ,
32V		10mV	Manual : 6M
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
320	±(1.2%+5 digit)	0.1	<1.5V
3.2K		1	
32K		10	
320K		100	
3.2M		1K	
32M	±(3.5%+50 digit)	10K	

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	±(4.0%+5 digit)	10nF	

Continuity : Buzzer sounds when the resistance is less than 18 .  
Diode : Test Current : Approx.1mA.

**NOTES** 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%.

### DC Voltage

Range	Accuracy	Resolution	Input Impedance
320mV	±(1.2%+2 digit)	100uV	Auto AC/DC : 3M Manual: 6M
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.



we have a solution....

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