



Data Sheet

DM73C Pen Probe Style Digital Multi-Tester

- 600 V AC and 600 V DC ranges
- Cat III 300 V safety rated
- Cat II 600 V safety rated
- Improved DC basic accuracy 0.5%
- Resistance to 34 M Ω
- Continuity beeper
- Includes alligator clip, ground test lead, spare probe tip and installed batteries
- 3400-count digital display plus analog bargraph
- Auto power off
- UL 3111-1 listed



No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

Included Accessories

Test lead with alligator clip, 2 batteries (installed), spare tip, and users manual.

Optional Accessories

TL73B Replaceable ground test lead with alligator clips
VC11 Vinyl Case
TP73B Replaceable probe tips



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General Specifications

Display:	33/4-digit LCD, 3400 count
Measuring Rate:	2.5/ second nominal
Bargraph:	34 segments – updated 20 readings per second
Operating Temperature Range:	0 to 40° C, 80% RH
Storage Temperature Range:	-20 to 60° C, 70% RH
Environmental:	Intended for indoor use, altitude up to 2000 m
Measurement Accuracy:	x0.1°C; Batteries: 2x LR44, SR44 or S76
Life:	100 hours nominal; Auto Power Off: After 10 minutes
Dimensions:	7.8" x 1.1" x 1.4"
Weight:	4 oz.

Specifications at 23 °C ± 5 °C; < 75 % R.H. non-condensing

Function	Range	Accuracy
DC Voltage		
	340 mV, 3.4, 34, 340 V, 600 V	± (0.5 % rdg + 2 dgt)
Resolution	0.1 mV in 3.4 V range	
Input Impedance	340 mV range: >100 MΩ	
Other ranges:	10 MΩ	
AC Voltage (50-500 Hz)		
	3.4 V, 34, 340, 600 V	± (1.5 % rdg + 8 dgt)
Resolution	0.1 mV in 3.4 V range	
Input Impedance	10 MΩ	
Resistance		
340 Ω , 3.4, 34, 340 kΩ , 3.4, 34 MΩ	340 Ω - 340 kΩ	± (1.0 % rdg + 4 dgt)
	3.4 MΩ	± (1.5 % rdg + 4 dgt)
	34 MΩ	± (3.0 % rdg + 5 dgt)
Max. Open Circuit Voltage	340Ω range: - 1.2 V	
All others:	- 0.45 V	
Diode Test		
	3.4 V	± (2.0 % rdg + 3 dgt)
Short Circuit Current	1.0 mA	
Max Open Circuit Voltage	3.0 VDC	
Audible Indication	< 0.2 V	
Continuity Test		
Display Response	<0.5 s	
Continuity Threshold	± 35 Ω	
Overload Protection		
DC and AC Voltage	600 VDC or AC RMS	
Resistance\Continuity\Diode	All ranges 600VDC or VAC RMS	

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