

Model DM73B

Pen Probe Style Digital Multimeter



- 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 MΩ
- 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

DM73B Specifications (at 23°C±5°C, <75% R.H. non-condensing)

DC Voltage	
Ranges	340 mV, 3.4, 34, 340 V, 600 V
Accuracy	± (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)	
Ranges	3.4 V, 34, 340, 600 V
Accuracy	± (1.5 % rdg + 8 dgt)
Resolution	0.1 mV in 3.4 V range
Input Impedance	10 MΩ
Resistance	
Ranges	340 Ω, 3.4, 34, 340 kΩ, 3.4, 34 MΩ
Accuracy	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	
Range	3.4 V
Accuracy	± (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

General Specifications

Display: 3¾-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.; **Accessories:** Operating manual, test lead with alligator clip, 2 batteries (installed), spare tip

Features
Low Battery Indication; Probe/Pen Style; Warranty: One-year
Optional Accessories
TL73B Replaceable ground test lead with alligator clip; VC11 Vinyl Case; TP73B Replaceable probe tip

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com

