

DIGITAL MULTIMETER

METERDI MR-DM52 / MR-DM52 WITH NABL

- Safety rating: IEC61010-1, CAT II 1000V or CAT III 600V
- 5999 counts LCD display, max. reading 5999
- Overload protection: PTC on OHM range
- Fuses: 600mV/250V, 20A/250V ceramic
- Overload indication: "OL" or "-OL"
- Polarity display: auto, "-" for negative
- Working °C/humidity: 0~40°C, 45%~80%RH
- Storage °C/humidity: -20~60°C, 45%~80%RH
- Low battery indication:
- Batteries: 9Vx1 NEDA 1604 or 6F22
- Dimensions: 195x92x55mm
- Weight: approx. 380g (incl. battery)



SPECIFICATION

FUNC	RANGE	ACCURACY	RESOLUTION	
DCV	600mV	±(0.5% rdg + 2 dgt)	0.1mV	
	6V		0.001V	
	60V		0.01V	
	600V		0.1V	
	2000V		1V	
ACV TRMS (50Hz-1000Hz)	6V	±(1% rdg + 3 dgt)	0.001V	
	60V		0.01V	
	600V		0.1V	
	2000V		1V	
DCA	600µA	±(0.8% rdg + 10 dgt)	0.1µA	
	6mA		1µA	
	60mA	±(1% rdg + 10 dgt)	10µA	
	600mA		100µA	
ACA (50Hz-1000Hz)	20A	±(2% rdg + 5 dgt)	10mA	
	6mA		±(1% rdg + 10 dgt)	1µA
	60mA			10µA
	600mA			100µA
OHM	600Ω/6KΩ/60KΩ/600KΩ/6MΩ	±(0.8% rdg + 3 dgt)		
	60MΩ			±(2% rdg + 5 dgt)
CAP	9.999nF (Press REL for zero adjustment)	±(4% rdg + 20 dgt)		
	99.99nF/999.9nF/9.999µF/99.99µF/999.9µF			±(3% rdg + 5 dgt)
	9.999mF/99.99mF			±(5% rdg + 10 dgt)
Hz	9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz	±(2% rdg + 5 dgt)		
Duty Cycle	Range 1%~99%	For reference only	1%	
(hFE)	The display reads the approximate value of hFE, (0-1000)	Base Current is about 10µA Vce is about 2.8V	0-1000	
Temperature	-20°C ~ 1000°C	±(1.0% rdg + 4 dgt), < 400°C		
	-4°F ~ 1832°F	±(1.5% rdg + 5 dgt), ≥ 400°C		
	Display diode forward voltage approximation	±(1.0% rdg + 6 dgt), < 752°F		
		±(1.5% rdg + 10 dgt), ≥ 752°F		
Continuity	If the measured line resistance is less than 100Ω, the buzzer inside the instruments will sound.			

Order ID
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