



# DIGITAL MULTIMETER

## METERDI MR-DM43 / MR-DM43 WITH NABL



- Provides both Auto range and manual range options.
- Overload protection is available in all ranges.
- Maximum allowable voltage: 1000V DC or 750AC (RMS).
- Operating altitude: up to 2000m.
- Display: LCD, Safety Rating: CAT III
- Maximum display value: 5999 counts.
- Auto polarity indication with '-' indicating negative polarity.
- Overrange display: 'OL' or '-OL'.
- Sampling time: approximately 0.4 seconds.
- Unit display: function, range unit display.
- Auto shutdown time of 30 minutes without any operations.
- Power supply: 9V 6F22 battery.
- Low battery indication: LCD display  symbol.
- Temperature accuracy: less than 0.1 x accuracy / C.
- Operating temperature: 0 C ~ 40 C.
- Storage temperature: -10 ~ 50 C.
- Size: 175 x 85 x 52mm.
- Weighs approximately 368g (excluding the battery).



FUNC	RANGE	ACCURACY	RESOLUTION	
DCV	600mV	±(0.8% rdg + 3 dgt)	0.1mV	
	6V		0.001V	
	60V		±(0.5% rdg + 5 dgt)	0.01V
	600V			0.1V
	1000V			1V
ACV (45~1KHz)	6V	±(1.2% rdg + 5 dgt)	0.001V	
	60V		0.01V	
	600V	±(1.5% rdg + 5 dgt)	0.1V	
	750V		0.1V	
DCA	600µA	±(1% rdg + 5 dgt)	0.1µA	
	6000µA		1µA	
	60mA		10µA	
	600mA		100µA	
	10A	±(2% rdg + 5 dgt)	10mA	
ACA (50Hz-1000Hz)	600µA	±(1.5% rdg + 5 dgt)	0.1µA	
	6000µA		1µA	
	60mA		10µA	
	600mA		100µA	
	10A	±(3% rdg + 5 dgt)	10mA	
OHM	600Ω/6KΩ/60KΩ/600KΩ/6MΩ	±(0.8% rdg + 5 dgt)		
	60MΩ	±(1.5% rdg + 5 dgt)		
CAP	6nF	±(4% rdg + 5 dgt)		
	60nF/600nF/6µF/60µF/600µF	±(3% rdg + 3 dgt)		
	6mF/60mF	±(4% rdg + 5 dgt)		
Hz V/C	60Hz/600Hz/6kHz/10kHz	±(1.5% rdg + 5 dgt)		
Hz	60Hz/600Hz/6kHz/60kHz/600kHz/6MHz/60MHz	±(1.5% rdg + 5 dgt)		
Duty Cycle	Range 10%~95%	±2.0%	0.1%	
	Will display forward drop voltage	0.001V		
Continuity	If the measured line resistance is less than 300Ω, the buzzer inside the instruments will sound.		0.1	

SPECIFICATION

- Order ID
- MR-DM43
  - MR-DM43 with NABL

**METERDI**  
INSTRUMENTS