

MEGATEK BENCHTOP 4.5 DIGIT DIGITAL MULTIMETER

MDM-8245

FEATURES

- 4.5 Digit Digital Benchtop Multimeter
- 4.3 Inches TFT Graphical Display
- Display Modes: Number, Bar Meter, Trend Chart and Histogram
- Continuous, Data Log and Digitize Mode
- USB 2.0 Type A device port, LAN
- Measurements: DC & AC Voltage, DC & AC Current, Resistance, Temperature, Capacitance, Diode, Frequency & Period, Data Logging, Digitizing, Level Triggering, Secondary Measurements
- True RMS AC Measurements
- Noise Rejection, Prob Hold
- Mathematical Function
- Utility Menu, PC Software



Technical Specifications

Function	Auto & manual range	Min.	Max.	Accuracy	Freq. range	Description
DC Voltage	2.2000v / 22.000v / 220.00v / 2200.0v	0.1mv	1000v	± (0.1%+2)	—	—
AC Voltage	2.2000v / 22.000v / 220.00v / 2200.0v	0.1mv	750v	± (0.2%+5)	22Hz-10kHz	True RMS
DC Current	220.00uA / 2200.0uA / 22.000mA / 220.00mA / 10A	0.01uA	10A	±(0.1%+2)	—	—
AC Current	220.00uA / 2200.0uA / 22.000mA / 220.00mA / 10A	0.01uA	10A	±(0.5%+2)	22Hz-10kHz	True RMS
Resistance	220.00 Ω / 2.2000k Ω / 22.000k Ω / 220.00k Ω / 2.2000M Ω / 22.000M Ω / 220.00M Ω	0.01 Ω	220.00M Ω	±(0.1%+5)	—	For higher than 1MΩ accuracy drop to ±(0.5%+5)
Frequency	22.00Hz / 220.0Hz / 22.00kHz / 220.00kHz / 2.2000MHz / 22.00MHz	22Hz	220MHz	±(0.5%+10)	22Hz-220MHz	Use small probe for better accuracy
Capacitance	22.000nF / 220.00nF / 2.2000uF / 22.000uF / 220.00uF / 2.2000mF / 22.000mF / 220.00mF	220pF	220mF	±(5%+10)	22Hz-220MHz	Use small probe for better accuracy
Duty cycle	(5.0% ~ 94.9%)	—	—	—	—	—
Temperature	-40°C / 1000°C	—	—	—	—	—
Display Count	29999	—	—	—	—	—
Diode	Positive voltage drop in the 1.5mA positive current					
Continuity	Buzzer sounds beep when the resistance is lower than 30±2Ω					
Sample Rate	2 sample per second					
Accuracy Formula	±(shown number * a% + the lowest digit)					
Dimension:	L 29cm x W 30cm x H 12cm,					
Net Weight:	3.8 kg					

ACCESSORIES:

- USB A to USB A connecting Cable, for connecting MDM-8245 to PC
- High Quality Lead Probs
- Temperature measurements Sensor



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