

Professional True RMS Industrial Digital Multimeter

Model: DT-9979



DT-9979 Professional True RMS Industrial Digital Multimeter with 50,000 counts and Full Graphics Type LCD display with white backlight. Providing fast A/D converting sampling time, high accuracy, built-in data logging and Trend Capture features. It can monitor any problems of the equipment's and watch on without person. It is easy to find and solve the problems of the production equipment's, providing Bluetooth technology and memory the datasheets. It is much safer measurements with double molded plastic housing design and IP67 waterproof function.

Safety Conformance

EN61010-1 CAT IV 600V, CAT III 1000V

1000 V input protection on all ranges

10A/1000V & 0.8A/1000V fuses

protection on current ranges

Features:

Large 50,000 counts, Full Graphics Type LCD display with white backlight. Multiple sets of measurement information can simultaneously be displayed at the same time.
Voltage (DC/AC), current(DC/AC), resistor, diode, capacitance, frequency and duty cycle measurement
Ability to record data of signals and review Trend Capture curve, monitoring while you work on other project. It plots measurements as a single line to help detect signal anomalies over time; store up to 10,000 recorded events
Log multiple sessions or log data continuously for over 200 hours.
Real Time Clock – for automatic time stamping of saved readings
Expandable meter lets you stay current as new capabilities are added
Allow to save and name the measurements, and also recall them at any time
Min/Max/Average with Time Stamp to record signal fluctuations
Auto zeroing function
Soft keys, scroll buttons much more secondary functions to access in easily
TRMS AC voltage and current for accurate measurements on complex signals or non-linear loads.
Measure up to 10A (20 A for 30 seconds; 10A continuous)
Peak hold function with calibration mode
10MHz Frequency counter and 1MHz duty cycle measurement
IP67 Waterproof and Auto Power Off
Bluetooth interface
Meter box iMM & cloud service

Size (H x W x D): 220mm x 96mm x 60mm

Weight: 631g

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Specifications:



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Function	Maximum	Max, resolution	Accuracy
Voltage DC	1000V	1 μ V	$\pm(0.025\% + 5)$
Voltage AC	1000V	1 μ V	$\pm(0.3\% + 20)$
Current DC	10A	0.01 μ A	$\pm(0.10\% + 5)$
Current AC	10A	0.01 μ A	$\pm(0.6\% + 5)$
Temperature	-50°C to 1000°C	0.1°C	$\pm(1.0\% + 2.5^\circ\text{C})$
Resistance	50M Ω	0.01 Ω	$\pm(0.05\% + 5)$
Capacitance	10mF	0.001nF	$\pm(2.0\% + 5)$
Frequency	10MHz	0.01Hz	$\pm(0.005\% + 5)$
Diode and Continuity	Yes		
PC Interface	Bluetooth		
Power Supply	18 hours Li-ion rechargeable battery; AC Adaptor/charger		

Accessories:

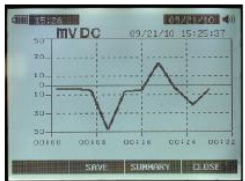
www.cem-meter.ir

Test leads, Li-ion batteries, Type K temperature probe, Software, gift box with carrying case


Application:


- IP67 dust and water proof
- True RMS




Trend Capture function




Fast Response time



Real-time data Recording



Multifunction Selectable



آدرس: تهران، خیابان مطهری، خیابان میرزای شیرازی شمالی، کوچه نعیمی، پلاک ۱۰، طبقه ۳

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