



DT-9979

Features

- 50,000 counts backlit LCD display with bar graph
- AC True RMS
- Measurement of voltage (DC / AC), current (DC / AC), resistor, diode, capacitance, temperature, frequency and duty cycle
- Multiple sessions logger and data logger function
- Storage up to 10.000 measurements
- Ability to record data of signals and review capitated trend curve
- Min / Max / Average with Time-stamp to record signal fluctuations
- Auto zeroing function
- Measurement up to 10A (for 20A max.30 seconds)
- Peak hold function with calibration mode
- 10MHz frequency counter and 1MHz duty cycle measurement
- IP-67 Waterproof and Auto Power OFF
- CAT IV 600V, CAT III 1000V
- Bluetooth 3.0 Interface
- PC Software support

DT-9979 is a professional True-RMS digital Multimeter with 50.000 counts and full Graphics Type LCD display with white backlight. It provides powerful performance for the measuring of AC / DC voltage & current, resistance, capacity, frequency, temperature, Duty Cycle and diode test. Many usual functions like fast A / D converting sampling time, high accuracy, built-in data-logging and Trend Capture, etc. make your work more efficient, safer and easier. The data logger function with trend analysis enables a quick and easy analysis of the measured values. Up to 10.000 readings can be easily stored, recalled and transferred to mobile devices or PC via Bluetooth. Software package and apps are available for further analysis. DT-9979 is ideal for identifying, solving and monitoring any problem of electrical installation.

Technical data

FUNCTIONS	MAX RANGE	RESOLUTION	ACCURACY
DC Voltage	1000V	1 μ V	$\pm(0,025\%+5)$
AC Voltage	1000V	1 μ V	$\pm(0,3\%+25)$
DC Current	10A	0,01 μ A	$\pm(0,1\%+20)$
AC Current	10A	0,01 μ A	$\pm(0,6\%+25)$
Temperature	-50°C bis 1000°C	0,1°C	$\pm(1,0\%+2,5^{\circ}\text{C})$
Resistance	50M Ω	0,01 Ω	$\pm(0,05\%+10)$
Capacitance	10mF	0,001nF	$\pm(2\%+40)$
Frequency	10MHz	0,01Hz	$\pm(0,01\%+10)$
Duty Cycle	99,90%	0,01%	$\pm(1,20\%+2)$
Diod-test	Test current 0,9 mA max.; Open circuit voltage below 3,2		
Continuity Test	Audible signal if resistance less than approx. 25 Ω ; Test current under 0,35 mA		
Data Interface	Bluetooth 3.0		
Power supply	approx. 18h Li-Ion Battery; AC adapter / charger		
Size	220mm*96mm*60mm		
Weight	631g		

Delivery

DMM DT-9979, Test leads, Type-K Temperature-Probe, Li-Ion Battery and Charger, Software, User Manual (Eng).



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