

**DT-9987**

Professional True RMS Industrial Multimeter with TFT color LCD display



- TFT color LCD display
- 50000 counts
- PC Calibration

- IP67 dust and water proof
- True RMS



Model 9987



EMC & LVD  
EN: 61326  
EN: 61010-1, EN: 61010-02-031



The 9987 Professional True RMS Industrial Digital Multimeter with TFT color LCD display, providing fast A/D converting sampling time, high accuracy, built-in datalogging and Trend Capture features. It can trace any interrupted problems of the equipments and watch on without person. It is easy to find and solve the problems of the production equipments, providing Bluetooth technology and memory the datasheets. It is much more safer measurements with double molded plastic housing design and IP67 waterproof function.

**Safety Conformance**

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.8A/1000V fuses protection on current ranges

**Features**

Large 50,000 count 320 x 240 TFT color LCD display  
Logging function with TrendCapture for easy review of logged data  
Bluetooth interface for easy data transfer & accuracy calibration  
100kHz bandwidth (voltage/current)  
AC, AC+DC True-RMS measurements  
Records events and trends  
Saves measurements  
A/D convert fast sampling time  
Peak capture (records transients as fast as 250µs)  
Min/Max/Average with Time stamp (records signal fluctuations)  
Moto winding and low ohm 50Ω measurement range  
4-20mA process loop measurements with % reading  
Low pass filter  
IP Rating 67  
Meterbox iMM & cloud service

**Specifications**

| Function             | Maximum   | Max. resolution | Accuracy        |
|----------------------|---|-----------------|-----------------|
| Voltage DC           | 1000V   | 1µV             | ±(0.025% + 5)   |
| Voltage AC           | 1000V   | 1µV             | ±(0.4% + 40)    |
| Current DC           | 10A   | 0.01µA          | ±(0.15% + 2)    |
| Current AC           | 10A   | 0.01µA          | ±(0.6% + 5)     |
| Temperature          | -200°C to 1350°C  | 0.1°C           | ±(1.0% + 2.5°C) |
| Resistance           | 50MΩ  | 0.01Ω           | ±(0.05% + 2)    |
| Capacitance          | 10mF  | 0.001nF         | ±(1.0% + 5)     |
| Frequency            | 10MHz   | 0.01Hz          | ±(0.005% + 1)   |
| Diode and Continuity | Yes   |                 |                 |
| PC Interface         | Bluetooth   |                 |                 |
| Power Supply         | 6 hours Li-ion rechargeable battery; AC Adaptor/charger |                 |                 |

Size(HxWxD): 220mm x 96mm x 60mm Weight: 631g

Accessories:  
Test leads, Li-ion batteries, Type K temperature probe, AC Adaptor Software, gift box with carrying case.



Fast response time



Trend Capture function



High Resolution & Accuracy



Help Menu

**DT-9979**

Professional True RMS Industrial Digital Multimeter



- IP67 dust and water proof
- True RMS

- Full Graphics LCD display
- 50000 counts
- PC Calibration



Model 9979



EMC & LVD  
EN: 61326  
EN: 61010-1, EN: 61010-02-031



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 datalogging and Trend Capture features. It can monitor any problems of the equipments and watch on without person. It is easy to find and solve the problems of the production equipments, providing Bluetooth technology and memory the datasheets. It is much more safer measurements with double molded plastic housing design and IP67 waterproof function.

**Safety Conformance**

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V 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  
Meterbox iMM & cloud service

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| Resistance           | 50MΩ  | 0.01Ω           | ±(0.05% + 2)    |
| Capacitance          | 10mF  | 0.001nF         | ±(1.0% + 5)     |
| Frequency            | 10MHz   | 0.01Hz          | ±(0.005% + 1)   |
| Diode and Continuity | Yes   |                 |                 |
| PC Interface         | Bluetooth   |                 |                 |
| Power Supply         | 6 hours Li-ion rechargeable battery; AC Adaptor/charger |                 |                 |

Size(HxWxD): 220mm x 96mm x 60mm Weight: 631g

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Trend Capture function



Fast Response time



Real-time data Recording



Multifunction selectable