DT-9987
Professional True RMS Industrial Multimeter with TFT color LCD display

DT-9979
Professional True RMS Industrial Digital Multimeter

Bluetooth
Meterbox Pro

Bluetooth
Meterbox Pro

- **TFT color LCD display**
- **50000 counts**
- **PC Calibration**

- **IP67 dust and water proof**
- **True RMS**

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 feactures. 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 safer measurements with double molded plastic housing design and IP67 waterproof.

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 safer measurements with double molded plastic housing design and IP67 waterproof function.

- **IP67 dust and water proof**
- **True RMS**

- **Full Graphics LCD display**
- **50000 counts**
- **PC Calibration**

EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033

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

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Features

Large 50,000 count 320 x 240 TFT color LCD display
Logging function with Trend Capture 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 pro & cloud service

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 keep 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 pro & cloud service

Model 9987

Specifications

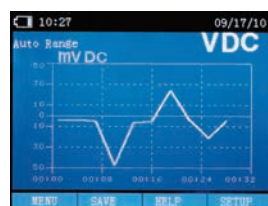| Function	Maximum	Max, resolution	Accuracy
Voltage DC	1000V	1µV	±(0.025% + 5)
Voltage AC	1000V	1µV	±(0.4% + 40)
Current DC	10A	0.01µA	±(0.15% + 2)
Current AC	10A	0.01µA	±(0.6% + 5)
Temperature	-50ºC to 1000ºC	0.1ºC	±(1.0% + 2.5ºC)
Resistance	50MΩ	0.01Ω	±(0.05% + 2)
Capacitance	10mF	0.001nF	±(1.0% + 5)
Frequency	10MHz	0.01Hz	±(0.005% + 1)
Diode and Continuity	Yes		
PC Interface	Bluetooth		
Power Supply	18 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,
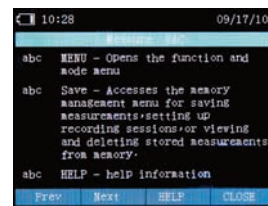AC Adaptor Software, gift box with carrying case.

Model 9979

Specifications

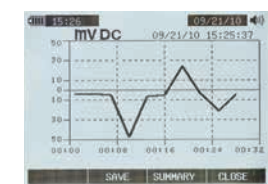| Function	Maximum	Max, resolution	Accuracy
Voltage DC	1000V	1µV	±(0.025% + 5)
Voltage AC	1000V	1µV	±(0.3% + 20)
Current DC	10A	0.01µA	±(0.10% + 5)
Current AC	10A	0.01µA	±(0.6% + 5)
Temperature	-50ºC to 1000ºC	0.1ºC	±(1.0% + 2.5ºC)
Resistance	50MΩ	0.01Ω	±(0.05% + 5)
Capacitance	10mF	0.001nF	±(2.0% + 5)
Frequency	10MHz	0.01Hz	±(0.005% + 5)
Diode and Continuity	Yes		
PC Interface	Bluetooth		
Power Supply	18 hours Li-ion rechargeable battery;AC Adaptor/charger		

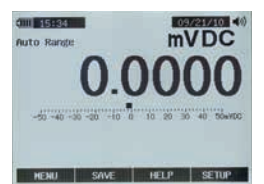**Size(HxWxD):** 220mm x 96mm x 60mm   **Weight:** 631g
Accessories:
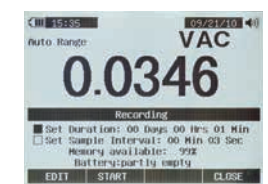Test leads, Li-ion batteries, Type K temperature probe, Software, gift box with carrying case.

Fast response time

Trend Capture function
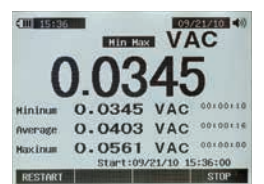
High Resolution & Accuracy

Help Menu

Trend Capture function

Fast Response time

Real-time data Recording

Multifunction selectable