

**Professional Digital Multimeters
Digital AC, AC/DC Clamp Meters
Electrical Testers
Insulation Testers**



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



Professional True RMS Industrial Multimeter / Oscilloscope with TFT color LCD display

Features

- 10MHz oscilloscope
- 50,000 count, 0.025% accuracy
- Fast response, 20 times/sec
- 100kHz AC bandwidth
- Fully PC Calibration
- Bluetooth interface
- IP67 dust and waterproof
- CATIII 1000V/CATIV 600V

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

Bluetooth

A small inset image shows a person's hand holding the multimeter and connecting it to a circuit board with wires.

Smartphone interface screenshots show the app running on an iPhone, displaying real-time data and graphs.



9989 Professional True RMS Industrial Digital Multimeter with oscilloscope functions and TFT color LCD display, providing fast A/D converting sampling time, high accuracy, built-in datalogging and Trend Capture feautes.

Meterbox iMM software & cloud server support to transfer the measured data to the customer's smartphone for edit and storage.

- TFT color LCD display
- 50000 counts
- PC Calibration

Worldwide Patent:
PCT/CN2012/082191

Model 9989

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



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



Made for
iPod iPhone iPad

Bluetooth



10MHz Oscilloscope Function

Fast response time



High Resolution & Accuracy

Multifunction Selectable



Trend Capture function

Help Menu

Features

Large 50,000 count 320 x 240 TFT color LCD display

- 20MHz/50MS/s bandwidth/Real time sample rate
- Logging function with Trend Capture for easy review of logged data
- Bluetooth PC interface for easy data transfer & accuracy calibration
- 100kHz bandwidth (voltage/current)
- AC, AC+DC true-RMS measurements
- 0.025% DCV accuracy with Fully PC Calibration
- Saves measurements, records events and trends
- 20 Times/sec. 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
- Low pass filter
- IP Rating 67 & CATIII 1000V/CATIV 600V
- Bluetooth interface to smartphone / PC.
- Meterbox iMM & cloud service

Specifications

Oscilloscope Functions

Display Size	3.5" color LCD; 320 x 240 pixels
Bandwidth	20MHz
Real time sample rate	50MS/s
Risetime	10ns
Channels	1
Vertical Sensitivity	50mV/div to 200V/div
Vertical Resolution	8 bits
Trigger Mode	Free Run, falling edge, rising edge
Trigger Source	Internal
Trigger Coupling	AC/DC
Input impedance	1MΩ/15pF
Max Input Volatage	1000Vp-p
Cursor Measurement	Voltage and time/ Frequency

True RMS Multimeter Functions

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

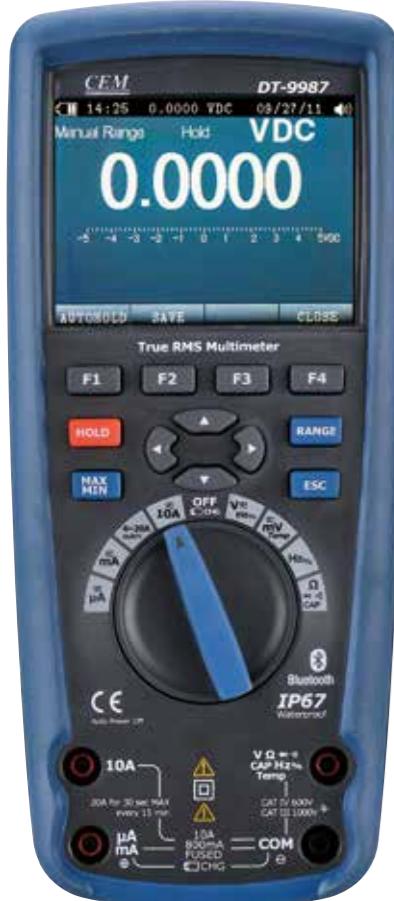
Accessories:

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

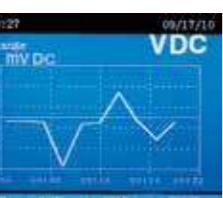
Professional True RMS Industrial Multimeter with TFT color LCD display



- TFT color LCD display
- 50000 counts
- PC Calibration
- IP67 dust and water proof
- True RMS



Model 9987



Fast response time

Trend Capture function



High Resolution & Accuracy

Help Menu

DT-9987

DT-9979

Professional True RMS Industrial Digital Multimeter



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.



DT-9979

Professional True RMS Industrial Digital Multimeter



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 safe 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



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

- Full Graphics LCD display
- 50000 counts
- PC Calibration
- IP67 dust and water proof
- True RMS



Model 9979



Trend Capture function

Fast Response time

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, Software, gift box with carrying case.



Real-time data Recording

Multifunction selectable

DT-9970/9971/9978

Professional True RMS Industrial Digital Multimeters



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



Model 9978



Model 9970



Specifications

Model	9970	9971	9978	
Max. Range	Best Accuracy			
DC Voltage (v)	1000V	±(0.1%+8)	±(0.05%+5)	±(0.025% + 5)
AC Voltage (v)	1000V	±(0.8%+40)	±(0.6%+40)	±(0.4% + 40)
DC Current (A)	10A	±(0.2%+20)	±(0.15%+20)	±(0.15% + 2)
AC Current (A)	10A	±(1%+15)	±(0.8%+15)	±(0.6% + 5)
Resistance (Ω)	50MΩ	±(0.5%+20)	±(0.4%+20)	±(0.05% + 2)
Capacitance (F)	10mF	±(1.5%+20)	±(0.2%+20)	±(1.0% + 5)
Frequency (Hz)	10MHZ	±(0.1%+15)	±(0.1%+15)	±(0.005% + 1)
Temperature (°C)	-40°C~1000°C		±(1.0%+30)	±(1.0% + 2.5%)
Temperature (°F)	-40°F~1832°F		±(1.5%+50)	±(1.0% + 2.5%)
Features				
3.5" LCD Display Count	30,000	30,000	50,000	
True RMS and Auto Range	*	*	*	
Bandwidth (Hz)	100KHz	*	*	
Duty Cycle	10%~90%	±(1%+30)	±(1%+30)	
Diode	*	*	*	
Auto Power Off	*	*	*	
Continuity Buzzer	*	*	*	
Low battery indication	*	*	*	
Data Hold	*	*	*	
Relative Mode	*	*	*	
MAX/MIN	*	*	*	
Data logging	100	*		
Bluetooth Interface	*	*	*	
Double Backlight	*	*	*	
Analogue Bar Graph	*	*	*	
Full Icon Display	*	*	*	
Setup	*	*	*	
Input Impedance for DCV/ACV	10MΩ	*	*	
4-20mA Loop	0~100%	±(1%+50)	±(1%+50)	
10A/1000V & 0.5A/1000V fuses	*	*	*	
protection on current ranges				
Current Measurement Alarms	*	*	*	
Voltage & Current AC+DC Measurement	*	*	*	

Size(HxWxD): 220mm x 96mm x 60mm

Weight: 631g

Accessories: Test leads, 6x1.5V "AAA" batteries, Type K temperature probe(9971), gift box with carrying case and Software

Model 9971

DT-9972/9973/9974

Professional True RMS Industrial Digital Multimeters



9972/9973/9974 are the new Professional Digital Multimeters which provide safer measurements with double molded plastic housing design and IP67 waterproof function. 9972/9973/9974 performance like datalogger & True RMS AC voltage and current measurements, 50,000 counts resolution and 0.025% basic DC accuracy within the reach of more customers.

All inputs are protected by EN 61010-1 CATIV 600V/CATIII 1000V.



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



- Bluetooth interface
- 50000 counts
- PC Calibration

- IP67 dust and water proof
- True RMS



Model 9972



Model 9973



Model 9974

Specifications

Model	Range	9972	9973	9974
DC Voltage (v)	500mV/5V/50V/500V/1000V	±(0.025%+5)	±(0.025%+5)	±(0.025%+5)
AC Voltage (v)	500mV/5V/50V/500V/1000V	±(0.4%+30)	±(0.4%+30)	±(0.4%+30)
DC Current (A)	500µA/5000µA/50mA/500mA/10A	±(0.1%+15)	±(0.15%+15)	±(0.1%+15)
AC Current (A)	500µA/5000µA/50mA/500mA/10A	±(0.7%+15)	±(0.7%+15)	±(0.7%+15)
Resistance (Ω)	500Ω/5KΩ/50KΩ/500KΩ/5MΩ/50MΩ	±(0.3%+8)	±(0.3%+8)	±(0.3%+8)
Capacitance (F)	50nF/500nF/5µF/50µF/500µF/5mF/50mF	±(1%+20)	±(1%+20)	±(1%+20)
Frequency (Hz)	10Hz-10MHz	±(0.01%+8)	±(0.01%+8)	±(0.01%+8)
Temperature (°C)	-40°C~1000°C	±(1%+30)	±(1%+30)	±(1%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)	±(1.5%+50)	±(1.5%+50)
Power (W)	2500W			±(2%+5)
Features				
3.5" LCD Display Count		50,000	50,000	50,000
Auto Range		*	*	*
True RMS		*	*	*
Bandwidth (Hz)	100KHz	*	*	*
Duty Cycle	10%~90%	±(1%+30)	±(1%+30)	±(1%+30)
Diode		*	*	*
Auto Power Off		*	*	*
Continuity Buzzer		*	*	*
Low battery indication		*	*	*
Data Hold		*	*	*
Relative Mode		*	*	*
MAX/MIN		*	*	*
Data logging		100	9999	100
Bluetooth Interface		*	*	*
Double Backlight		*	*	*
Analogue Bar Graph		*	*	*
Full Icon Display		*	*	*
Setup		*	*	*
Input Impedance for DCV/ACV	10MΩ			
4-20mA Loop	0~100%	±(1%+50)	±(1%+50)	±(1%+50)
10A/1000V & 0.5A/1000V fuses				
protection on current ranges				
Current Measurement Alarms		*	*	*
Voltage & Current AC+DC Measurement		*	*	*

Size(HxWxD): 220mm x 96mm x 60mm

Weight: 631g

Accessories:

Test leads, 6x1.5V "AAA" batteries, Type K temperature probe, power adaptor(9974)
gift box with carrying case and Software



Model 9974

Heavy Duty True RMS Industrial Multimeter with TFT color LCD display

Features

- Bluetooth interface
- Fully PC Calibration
- Fast response time 10/sec
- 100kHz AC bandwidth
- Heavy duty & compact size
- CATIV 600V/ CATIII 1000V



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



The 989 Heavy duty 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 feaatures. 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 safer measurements with double molded plastic housing design.

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



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

Features

Large 50,000 count 320 x 240 TFT color LCD display
Logging function with TrendCapture for easy review of logged data
Graph 100 Data review
Bluetooth interface for easy data transfer & accuracy calibration
10kHz bandwidth (voltage/current)
AC, ACV+DCV 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)
4-20mA process loop measurements with % reading
Battery capacity indication
Date indication
Meterbox iMM & cloud service



Specifications

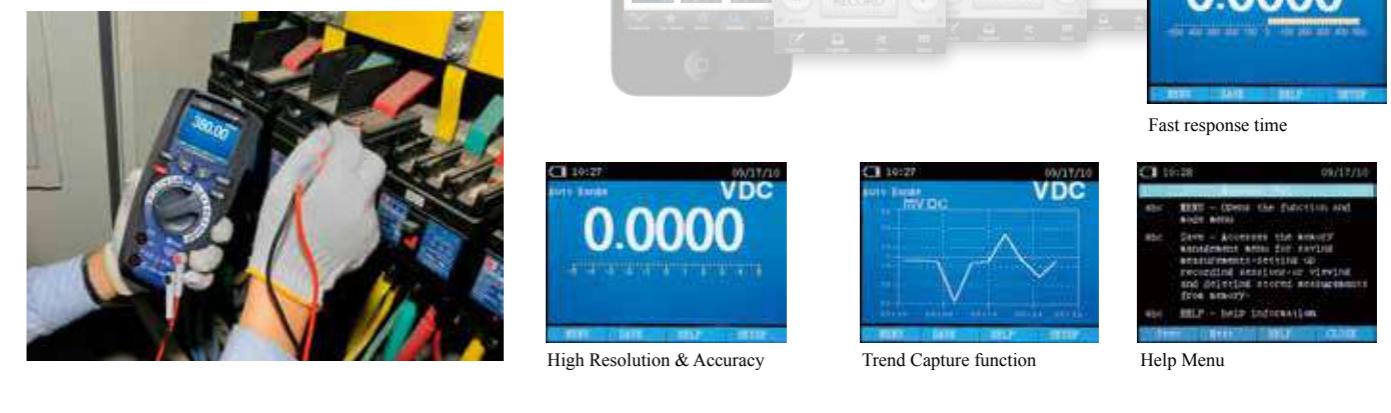
Function	Maximum	Max. resolution	Accuracy
Voltage DC	1000V	100mV	±(0.03% + 4)
Voltage AC	1000V	100mV	±(0.5% + 40)
Current DC	10A	0.1µA	±(0.1% + 5)
Current AC	10A	0.1µA	±(0.8% + 5)
Temperature	-200°C to 1350°C	0.1°C	±(1.0% + 3°C)
Resistance	50MΩ	0.1Ω	±(0.1% + 5)
Capacitance	10mF	0.01nF	±(1.0% + 10)
Frequency	10MHz	0.01Hz	±(0.01% + 4)
Diode and Continuity	Yes		
PC Interface	Bluetooth		
Power Supply	6 hours Li-ion rechargeable battery; AC Adaptor/charger		

Size(HxWxD): 170mm x 79mm x 50mm

Weight: 360g

Accessories:

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



High Resolution & Accuracy
Trend Capture function
Help Menu

DT-988
Heavy Duty True RMS Industrial Multimeter with TFT color LCD display

- TFT color LCD display
- 6000 counts
- PC Calibration



Model 988

EMC & LVD
EN: 61326

EN: 61010-1, EN: 61010-02-031

Features

Large 6000 count 320 x 240 TFT color LCD display
Logging function with Trend Capture for easy review of logged data
Graph 100 Data review
Bluetooth interface for easy data transfer & accuracy calibration (Optional)
10kHz bandwidth (voltage/current)
AC True-RMS measurements
Setup function & Saves measurements
A/D convert fast sampling time
Peak capture (records transients as fast as 500µs)
Min/Max/Average with Time stamp (records signal fluctuations)
4-20mA process loop measurements with % reading
Meterbox iMM & cloud service

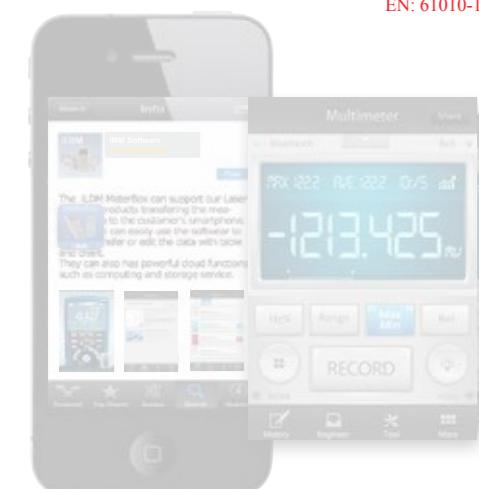
Specifications

Function	Maximum	Max. resolution	Basic accuracy
Voltage DC	1000V	100mV	±(0.08% + 4)
Voltage AC	1000V	100mV	±(0.9% + 5)
Current DC	10A	0.1µA	±(0.9% + 5)
Current AC	10A	0.1µA	±(1.2% + 5)
Temperature	760°C/1400°F	0.1°C/F	±(1.0% + 3°)
Resistance	60MΩ	0.1Ω	±(1.0% + 5)
Capacitance	10mF	0.01nF	±(1.5% + 5)
Frequency	10MHz	0.01Hz	±(0.1% + 4)
Diode and Continuity	Yes		
PC Interface	Bluetooth (Optional)		
Power Supply	6 hours Li-ion rechargeable battery; AC Adaptor/charger		

Size(HxWxD): 170mm x 79mm x 50mm Weight: 360g

Accessories:

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



Help Menu

DT-985/987

Heavy Duty True RMS Industrial Multimeter

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

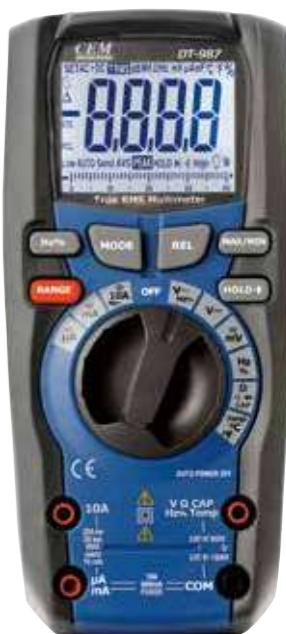
Large 60,000/6000 count LCD display with analog bargraph & backlight (987)
10kHz bandwidth (voltage/current)
AC True-RMS measurements
A/D convert fast sampling time
Negativity display
Peak capture (records transients as fast as 500µs)
Min/Max/Average with Time stamp (records signal fluctuations)
Bluetooth interface for easy data transfer & accuracy calibration (Optional)
4-20mA process loop measurements with % reading

Specifications

Function	Maximum	Max. resolution	Basic Accuracy	985	987
Voltage DC	1000V	10mV	±(0.9% + 5)	*	
Voltage AC	1000V	10mV	±(1.0% + 5)	*	*
Current DC	10A	0.01µA	±(1.5% + 5)	*	
Current AC	10A	0.01µA	±(2.5% + 5)	*	*
Resistance	60MΩ	10 mΩ	±(1.2% + 5)	*	
Temperature	760°C/1400°F	0.1°C/F	±(2.0% + 3°)	*	*
Capacitance	10mF	0.01nF	±(2.5% + 5)	*	*
Frequency	10MHz	0.01Hz	±(1.0% + 2)	*	*
Diode and Continuity	Yes				
Power Supply	1.5Vx4 "AAA" batteries.				

Size(HxWxD): 170mm x 79mm x 50mm
Weight: 360g**Accessories:**

Test leads, Batteries, Type K temperature probe, Software, gift box with carrying case.



Model 987



Meterbox-iMM Software for DT-971 Series DMM

Amazing features and built-in apps.

The Meterbox-iMM software can support our DMM product transferring the measured data to the customer's smartphone. Customers can easily use the software to check, transfer or edit the data with table and chart.

They also have powerful cloud functions such as computing and storage service.



More Applications...

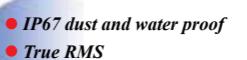


970/971/972/973 are the new Professional Digital Multimeters which provide much safer measurements with double molded plastic housing design and IP67 waterproof function. 972/973 performance like datalogger & True RMS AC voltage and current measurements, 50,000 counts resolution and a 0.03% basic DC accuracy within the reach of more customers. The large LCD display with analog bargraph and backlit ensure that readings are easy to read under all circumstances.

All inputs are protected to EN 61010-1 CATIV 600V/CATIII 1000V.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges



Features

	970	971	972	973
50,000 counts high resolution (0.01mV, 0.01µA, 0.01Ω)			*	*
Larger 50000 counts display with bargraph	6000 counts LCD dispay	6000 counts LCD dispay	Negativity LCD Display	OLED Display
AC+DC Measurement		*	*	*
9999 Readings memories		*	*	*
True RMS measurement & Peak capture mode	*	*	*	*
1000V input protection on all ranges	*	*	*	*
4-20mA process loop measurements with % reading		*	*	*
Data Hold/MAX/MIN recording mode	*	*	*	*
IP67 Waterproof and Auto Power Off	*	*	*	*
Wide capacitance range	*	*	*	*
Bluetooth interface with Meterbox iMM software		*	*	*
Powerful Working light	*	*	*	*



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



Model 973

Specifications

Function	Max. Range	Max.Resolution	Basic Accuracy
Voltage DC	1000 V	10µV	±0.03% (972/973) ±0.5% (970/971)
Voltage AC	1000V	10µV	±1.0%
Current DC	10A	0.01µA	±1.0%
Current AC	10A	0.01µA	±1.5%
Resistance	40MΩ	10mΩ	±0.3%
Duty Cycle	99.9%	0.1%	±1.2%
Frequency	10MHz	0.001Hz	±0.1%
Capacitance	40mF	10PF	±3.5%
Temperature	1200°C/2192°F/ 760°C/1400°F(9919)	0.1°C/F	±1.0%
Diode Check			
Continuity Test			

Size(HxWxD): 183mm x 82mm x 55mm

Weight: 447g

Accessories:

Test leads, 9V battery, Type K temperature probe, gift box with carrying case and Software



Meterbox-iMM Software for DT-9959 DMM

Amazing features and built-in apps.

The Meterbox-iMM software can support our DMM product transferring the measured data to the customer's smartphone. Customers can easily use the software to check, transfer or edit the data with table and chart. They also have powerful cloud functions such as computing and storage service.

More Applications...

iCloud storage

The software guarantees that your measuring data is safe. At the same time, the user can manage, share and protect the data.

Features

- Fast respond time & PC calibration
- IP67 dust and waterproof
- Bluetooth interface (9959)
- CATIII 1000V/CATIV 600V



9919/9929/9939/9949/9959 are the new Professional Digital Multimeters which provide much more safe measurements with double molded plastic housing design and IP67 waterproof function. 9949/9959 performance like datalogger & True RMS AC voltage and current measurements, 50,000 counts resolution and a 0.03% basic DC accuracy within the reach of more customers. The large LCD display with analog bargraph and backlit ensure that readings are easy to read under all circumstances.

All inputs are protected to EN 61010-1 CATIV 600V/CATIII 1000V.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges



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



Features

	9919	9929	9939	9949	9959
40,000 counts high resolution (0.01mV, 0.01µA, 0.01Ω)	*	*	*		
50,000 counts high resolution (0.01mV, 0.01µA, 0.01Ω)			*	*	*
Triple LCD display with bargraph & Backlit		*	*		*
AC+DC Measurement		*	*		*
9999 Readings memories		*	*		*
True RMS measurement & Peak capture mode	*	*	*	*	*
1000V input protection on all ranges	*	*	*	*	*
4-20mA process loop measurements with % reading	*	*	*	*	*
Data Hold/MAX/MIN recording mode	*	*	*	*	*
IP67 Waterproof and Auto Power Off	*	*	*	*	*
Wide capacitance range	*	*	*	*	*
Wireless USB interface			*		
Bluetooth interface with Meterbox iMM software				*	

Specifications

Function	Max. Range	Max. Resolution	Basic Accuracy
Voltage DC	1000 V	10µV	±0.03% (9949/9959) ±0.06% (9929/9939) ±0.06% (9919)
Voltage AC	1000V	10µV	±1.0%
Current DC	10A	0.01µA	±1.0%
Current AC	10A	0.01µA	±1.5%
Resistance	40MΩ	10mΩ	±0.3%
Duty Cycle	99.9%	0.1%	±1.2%
Frequency	10MHz	0.001Hz	±0.1%
Capacitance	40mF	10PF	±3.5%
Temperature	1200°C/2192°F/ 760°C/1400°F(9919)	0.1°C/F	±1.0%
Diode Check			
Continuity Test			

Size(HxWxD): 183mm x 82mm x 55mm

Weight: 447g

Accessories:

Test leads, 9V battery, Type K temperature probe, gift box with carrying case and Software (9959)
USB cable and Software (9939)

Model 9919



DT-9915/9915T/9916/9917/9917T/9918/9918T

Professional Digital Multimeters



IP67 dust and water proof



Model 9918



True RMS (9915T/9917T/9918T)



The seven models of the new 9915, 9915T, 9916, 9917, 9917T, 9918 and 9918T series are the new 4000 counts multimeters. They set the standard with a combination of precision, features, easy-to-use, safety and reliability.

9915T/9917T/9918T have True RMS AC Voltage, Current readings, as well as Frequency and Capacitance ranges.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges



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



Features

	9915/9915T	9916	9917/9917T	9918/9918T
Digital display counts	4000	4000	4000	4000
True RMS measurement	9915T		9917T	9918T
Safety design	*	*	*	*
Relative zero	*	*	*	
Data Hold	*	*	*	*
MAX/MIN recording mode			*	
Auto Power Off	*	*	*	*
Peak capture mode			*	
Wide capacitance range		20mF		*
Current DC/AC 40µA		*		
Analog bargraph/segment			*	

Specifications

Function	Max. Range	Basic Accuracy	9915/9915T	9916	9917/9917T	9918/9918T
Voltage DC	1000 V	±0.5%	*	*	*	*
Voltage AC	1000V	±0.8%	*	*	*	*
Current DC	10A	±1.2%	*	*	*	*
Current AC	10A	±1.8%	*	*	*	*
Resistance	40MΩ	±0.8%	*	*	*	*
Duty Cycle	99.9%	±1.2%	*	*	*	*
Frequency	10MHz	±1.5%	*	*	*	*
Capacitance	200µF/40mF	±3.0%	200µF	20mF	200µF	40mF
Temperature	760°C/1400°F	±3.0%		*		*
Diode Check		*	*	*	*	*
Continuity Test		*	*	*	*	*

Size(HxWxD): 182mm x 82mm x 55mm

Weight: 360g

Accessories:

Test leads and 9V battery,

Type K temperature probe (9917/9918/9917T/9918T), gift box with carrying case.



Model 9917



Model 9915

DT-9926/9927/9927T/9928/9928T/9938

Professional Digital Multimeters



The three models of 9926, 9927 & 9927T series are the new 6000 counts multimeters. They are a combination of precision, features, easy-to-use, safety and reliability.

9928/9928T series are the new 11,000 counts and 9938 is the new 22,000 counts multimeter. They are a combination of precision, features, easy-to-use, safety and reliability.

9927T/9928T has True RMS AC Voltage and Current readings, MAX-MIN recording.



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



Features

	9926	9927	9927T	9928	9928T	9938
Digital display counts	6000	6000	6000	11,000	11,000	22,000
Max.Resolution	0.1mV/0.1µA/0.01Ω			0.01mV/0.01µA/0.01Ω		
True RMS measurement		*	*		*	*
Analog bargraph/segment	*/61	*/61	*/61			
Safety design	*	*	*	*	*	*
Relative mode	*	*	*	*	*	*
Data Hold	*	*	*	*	*	*
MAX/MIN recording mode	*	*	*	*	*	*
Auto Ranging	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
Wide capacitance range	1000µF	1000µF	1000µF	110mF	110mF	*
Temperature function		*	*	*	*	*

Specifications

Function	Max. Range	Basic Accuracy
Voltage DC	1000 V	±0.09%
Voltage AC	1000V	±0.8%
Current DC	10A	±1.0%
Current AC	10A	±1.5%
Resistance	40MΩ	±0.3%
Duty Cycle	99.9%	±1.2%
Frequency	10MHz	±0.1%
Capacitance	40mF	±3.5%
Temperature	760°C/1400°F(9919)	±3.0%
Diode Check		
Continuity Test		



Model 9928/9928T



Model 9938

Heavy Duty Industrial Digital Multimeters



Features

- IP67 dust and water proof
- Heavy duty & compact size
- CATIV 600V/ CATIII 1000V



9660 Series Category IV rating ensure the highest level of protection against sudden transient overvoltage and arcing flash-over with advanced DMM features and True RMS accuracy. This rugged, waterproof and drop-proof multimeter will take whatever rough handling you dish out.



9660 Series are new compact meters with double molded plastic housing and over sized high contrast 4000/6000 counts LCD display. They are all CAT IV rated for 600V/CATIII 1000V.



Specifications		Best Accuracy					
Model	Range	9660	9660B	9661	9662	9663	9664
DC Voltage (V)	600mV/6V/60V/600V/1000V 400mV/4V/40V/400V/1000V	$\pm(0.5\%+1)$	$\pm(0.5\%+1)$	$\pm(0.5\%+1)$	$\pm(0.5\%+1)$	$\pm(0.5\%+1)$	$\pm(0.1\%+2)$
AC Voltage (V)	600mV/6V/60V/600V/1000V 400mV/4V/40V/400V/1000V	$\pm(1\%+3)$	$\pm(1\%+3)$	$\pm(1\%+3)$	$\pm(1.0\%+3)$	$\pm(1.0\%+3)$	$\pm(0.8\%+10)$
DC Current (A)	600µA/6000µA/60mA/600mA/6A/10A 400µA/4000µA/40mA/400mA/10A	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1.0\%+3)$	$\pm(1.0\%+3)$	$\pm(0.5\%+10)$
AC Current (A)	600µA/6000µA/60mA/600mA/6A/10A 400µA/4000µA/40mA/400mA/10A	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(0.8\%+3)$
Resistance (Ω)	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ 400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1\%+2)$	$\pm(1.2\%+5)$	$\pm(1.2\%+5)$	$\pm(0.8\%+10)$
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF 40nF/400nF/4µF/40µF/400µF/4mF/40mF	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3\%+5)$	$\pm(3.0\%+5)$	$\pm(3.0\%+5)$	$\pm(3.0\%+10)$
Frequency(Hz)	10Hz-10MHz	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$	$\pm(0.1\%+5)$	$\pm(0.1\%+5)$	$\pm(0.01\%+5)$
Temperature(°C)	-40°C~1000°C	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.2\%+3)$	$\pm(1.0\%+3)$
Temperature(°F)	+40°F-1832°F	$\pm(1.2\%+4)$	$\pm(1.2\%+4)$	$\pm(1.2\%+4)$	$\pm(2.0\%+4)$	$\pm(1.8\%+4)$	$\pm(1.8\%+4)$
Features							
Display Count		4000	4000	4000	6000	6000	40,000
Auto Range		*	*	*	*	*	*
True RMS			*			*	*
Bandwidth(Hz)		45Hz-400Hz	45Hz-400Hz	45Hz-400Hz	45Hz-1kHz	45Hz-1kHz	45Hz-10kHz
Duty Cycle	0.1~99.9%	*	*	*	*	*	*
Diode		*	*	*	*	*	*
Auto Power Off	Around 15 Minutes	*	30 Minutes	*	*	*	30 Minutes
Continuity Buzzer		*	*	*	*	*	*
Low Battery Indication	$\leq 7.5V$	*	*	*	*	*	*
Data Hold		*	*	*	*	*	*
Relative Mode		*	*	*	*	*	*
MAX/MIN		*	*	*	*	*	*
Peak Value		*					*
Bluetooth interface with Meterbox iMM software					*	*	*
LCD Backlight		*	*	*	*	*	*
Analogue Bar Graph		41	41	41	61	61	46
Input Protection		*	*	*	*	*	*
Input Impedance for DCV	Around 10MΩ	*	*	*	*	*	*
IP67 Waterproof		*	*	*	*	*	*

Size(HxWxD): 180mm x 82mm x 57mm

Weight: 255g

Accessories:

Test leads, 9V battery, Temperature Probe (9663/9664), carrying case and gift box.



Meterbox-iMM Software for DT-9969 DMM

Amazing features and built-in apps.

The Meterbox-iMM software can support our DMM product transferring the measured data to the customer's smartphone. Customers can easily use the softwear to check, transfer or edit the data with table and chart.

They can also has powerful cloud functions such as computing and storage service.



iCloud storage

The software guarantees that your measuring data is safe. At the same time, the user can manage, share and protect the data.



9969 is a Professional digital multimeter which provides safer measurements with double molded plastic housing design and IP67 waterproof function. 9969 performance as True RMS AC/DC voltage and current measurement, 50000 counts resolution and a 0.06% basic DC accuracy within the reach of more customers. The large LCD display with analog bargraph and backlit ensures that readings are easy to read under all circumstances.

All inputs are protected by EN 61010-1 CATIV 600V/CATIII 1000V.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges



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



Features

- 50,000 counts high resolution (0.001mV, 0.01µA, 0.01Ω)
- True RMS measurement
- 1000V input protection on all ranges
- Data Hold/MAX/MIN recording mode
- Auto Power Off & Backlit LCD display
- Peak capture mode
- Wide capacitance range
- Bluetooth data transmission
- Meterbox iMM & cloud service

Specifications

Function	Max. Range	Basic Accuracy
Voltage DC	1000 V	±0.06%
Voltage AC	1000V	±1.0%
Current DC	10A	±1.0%
Current AC	10A	±1.5%
Resistance	50MΩ	±0.3%
Duty Cycle	99.9%	±1.2%
Frequency	10MHz	±0.1%
Capacitance	50mF	±3.5%
Temperature	1200°C/2192°F	±1.0%
Diode Check		
Continuity Test		

Size(HxWxD): 182mm x 82mm x 55mm

Weight: 360g

Accessories:

Test leads, 9V battery,
Type K temperature probe, software and gift box with carrying case.



Worldwide Patent:
PCT/CN2012/082191

Made for
iPod iPhone iPad



DT-9967/9967T

Professional Digital Multimeters



Model 9967T



Model 9967



True RMS (9967T)

9967/9967T series are the new 6600 counts multimeters. They are a combination of precision, easy-to-use, safety and reliability.

9967T has True RMS AC Voltage, Current readings, MAX-MIN recording, as well as Frequency and Capacitance readings.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges

Features

	9967	9967T
6600 Counts dual digital display	*	*
True RMS measurement		*
Safety design	*	*
Relative zero	*	*
Data Hold	*	*
MAX/MIN recording mode	*	*
Auto Power Off	*	*
Wide capacitance range	60mF	60mF
Analog bargraph/segment	*/60	*/60
NCV Function	*	*

Specifications

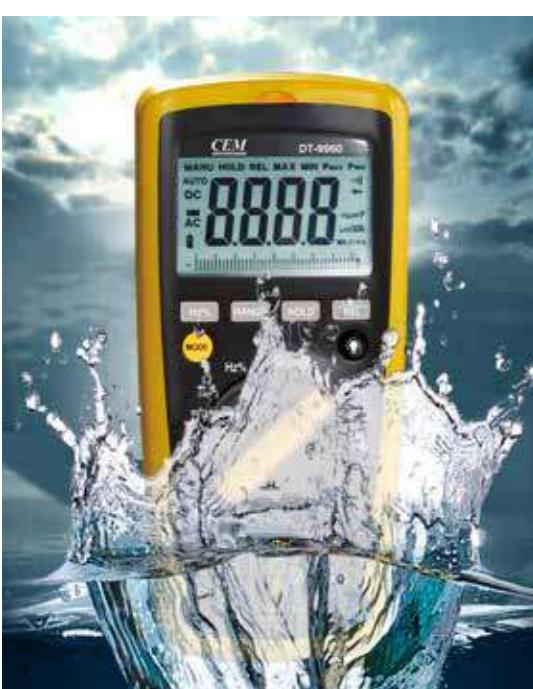
Function	Max. Range	Basic Accuracy	9967	9967T
Voltage DC	1000 V	±0.5%	*	*
Voltage AC	1000V	±0.8%	*	*
Current DC	10A	±1.2%	*	*
Current AC	10A	±1.8%	*	*
Resistance	60MΩ	±0.8%	*	*
Duty Cycle	99.9%	±1.2%	*	*
Frequency	10MHz	±1.5%	*	*
Capacitance	100µF/60mF	±3.0%	*	*
Temperature	760°C/1400°F	±3.0%	*	*
Diode Check			*	*
Continuity Test			*	*

Size(HxWxD): 170mm x 79mm x 50mm

Weight: 366g

Accessories:

Test leads, 9V battery.
Type K temperature probe and gift box.



DT-9960/9961/9961W/9962/9962T/9963/9963T

Professional Digital Multimeters



EMC & LVD

EN: 61326

EN: 61010-1, EN: 61010-02-031



Model 9960



Model 9961W



True RMS (9961W/9962T/9963T)

9960, 9961, 9961W, 9962 and 9962T series are the new 4000 counts multimeters. 9963/9963T are 6000 counts multimeters. They are a combination of precision, easy-to-use, safety and reliability.

9962T /9963T have True RMS AC Voltage, Current readings, MAX-MIN recording, Peak recording, as well as Frequency and Capacitance readings.

9961W has wireless USB interface.

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges

Features

	9960	9961/9961W	9962/9962T	9963/9963T
Digital display counts	4000	4000	4000	6000
True RMS measurement		9961W	9962T	9963T
Safety design	*	*	*	*
Relative zero	*	*		*
Data Hold	*	*	*	*
MAX/MIN recording mode			*	*
Auto Power Off	*	*	*	*
Peak capture mode			*	
Wide capacitance range			40mF	1000µF
Analog bargraph/segment			*/42	*/61
NCV Function	*	*	*	*

Specifications

Function	Max. Range	Basic Accuracy	9960	9961/9961W	9962/9962T	9963/9963T
Voltage DC	1000 V	±0.5%	*	*	*	*
Voltage AC	1000V	±0.8%	*	*	*	*
Current DC	10A	±1.2%	*	*	*	*
Current AC	10A	±1.8%	*	*	*	*
Resistance	40MΩ	±0.8%	*	*	*	*
Duty Cycle	99.9%	±1.2%	*	*	*	*
Frequency	10MHz	±1.5%	*	*	*	*
Capacitance	100µF/40mF	±3.0%	100µF	100µF	40mF	1000µF
Temperature	760°C/1400°F	±3.0%		*	*	*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

Size(HxWxD): 170mm x 79mm x 50mm

Weight: 366g

Accessories:

Test leads, 9V battery.
Type K temperature probe (9961/9961W/9962/9962T/9963/9963T) and gift box.



True RMS Compact Digital Multimeters



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

Features

- AC True RMS measurements
- IP65 Water proof & 2m drop-proof
- Heavy duty & compact size
- CATIV 600V/ CATIII 1000V



960/961/962/963/964 Series are True RMS compact digital multimeters with double molded plastic housing and over sized high contrast 4000/6000 counts LCD display. They're all CAT III rated for 600V.

- True RMS
- 4000/6000 counts LCD display

- Double molded plastic housing
- Built-in Non-Contact AC Voltage Detector (961/963/964)



Model 960



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



Safety Conformance

- EN61010-1 CATIII 600V
- Double molded plastic housing
- Full ranges protection

Features

	960	961	962	963	964
Digital display counts	4000	4000	6000	6000	6000
True RMS measurements	*	*	*	*	*
Safety design	*	*	*	*	*
Data Hold	*	*	*	*	*
MAX/MIN recording mode	*	*	*	*	*
Auto Ranging	*	*	*	*	*
Auto Power Off	*	*	*	*	*
Non-Contact ACV detection	*		*	*	*
LoZ: low input impedance to prevent ghost voltage					*

Specifications

Function	Max Range	Basic Accuracy	960	961	962	963	964
Voltage DC	1000V	±0.5%	*	*	*	*	*
Voltage AC	1000V	±0.8%	*	*	*	*	*
Current DC	10A	±1.2%	*	*	*	*	*
Current AC	10A	±1.8%	*	*	*	*	*
Resistance	60MΩ	±0.8%	*	*	*	*	*
Capacitance	1000μF	±3.0%	*	*	*	*	*
Frequency	100kHz	±1.5%	*	*	*	*	*
Temperature	760°C/1400°F	±3.0%		*		*	*
Duty Cycle	9.99%	±1.2%	*	*	*	*	*
Diode Check			*	*	*	*	*
Continuity Test			*	*	*	*	*

Size(HxWxD): 135mm x 70mm x 45mm
Weight: 255g

Accessories:

Test leads, 9V battery, type K temperature probe (961/963/964) and gift box with carrying case.



Model 961



Model 962

DT-940/941

Compact Digital Multimeters



940 Series are new compact multimeters with double molded plastic housing and over sized high contrast 4000 counts LCD display. They are all CAT III rated for 1000V.



Model 940



Model 941



0.5% basic DCV accuracy



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

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V
- Double molded plastic housing
- 1000V input protection on all ranges
- 10A/600V fuse input protection on current ranges

Features

	940	941
Digital display counts	4000	4000
Safety design	*	*
Data Hold	*	*
Auto Ranging	*	*
Auto Power Off	*	*
1000V input protection on all ranges	*	*
Type K temperature input		*

Specifications

Function	Max Range	Basic Accuracy	940	941
Voltage DC	600V	±0.5%	*	*
Voltage AC	600V	±1.2%	*	*
Current DC	10A	±2.5%	*	*
Current AC	10A	±3.0%	*	*
Resistance	40MΩ	±0.8%	*	*
Capacitance	100μF	±3.0%	*	*
Frequency	10MHz	±1.5%	*	*
Temperature	760°C/1400°F	±3.0%		*
Duty Cycle	9.99%	±1.2%	*	*
Diode Check			*	*
Continuity Test			*	*

Size(HxWxD): 150mm x 70mm x 48mm

Weight: 255g

Accessories:

Test leads, 9V battery, Temperature Probe (941), carrying case and gift box.

DT-936 Smart Digital Multimeter with Automatic Selection

936 is high performance smart digital multimeter with automatic selection DC/ACV, providing wide application in HVAC, factories, schools and at home, etc.

All inputs are protected to EN 61010-1 CATIII 600V/CATII 1000V.

Features

Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and Diode selection
6000 counts LCD display
Auto/manual ranging
Data Hold/MAX/MIN recording mode
Auto Power Off
Wide capacitance range, diode check & continuity test

Specifications

Function	Max. Range	Basic Accuracy
Voltage DC	600V	±0.5%
Voltage AC	600V	±1.0%
Resistance	40MΩ	±1.0%
Duty Cycle	99.9%	±1.2%
Frequency	10MHz	±1.0%
Capacitance	40mF	±3.5%

Size(HxWxD): 150mm x 70mm x 48mm

Weight: 255g

Accessories:

Test leads, 9V battery, carrying case and gift box.

DT-930/931/932/931N/932N

6000 Counts Compact Digital Multimeters



930/931/932/931N/932N Series are compact meters with double molded plastic housing and over sized high contrast 6000 counts LCD display. They're all CAT III rated for 600V.

- True RMS (932/932N)
- 6000 counts LCD display



Model 932N



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

Safety Conformance

- EN61010-1 CATIII 600V, CATII 1000V
- Double molded plastic housing
- Full ranges protection

Features

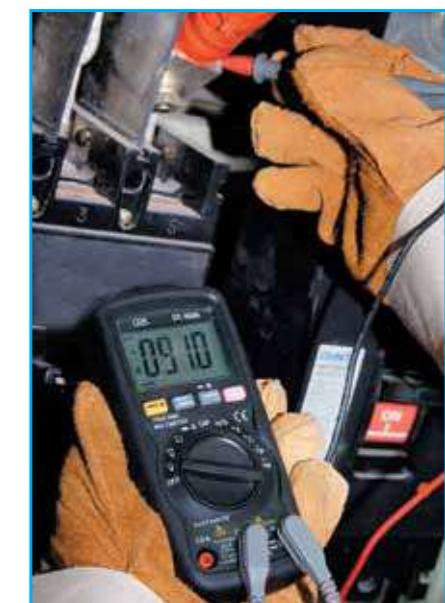
	930	931/931N	932/932N
Digital display counts	6000	6000	6000
True RMS measurements			*
Analog bargraph/segments	61-segments	61-segments	61-segments
Safety design	*	*	*
Data Hold	*	*	*
MAX/MIN recording mode	*	*	*
Auto Ranging	*	*	*
Auto Power Off	*		
Adaptor ACA function	*	*	*
Non-Contact ACV detection		931N	932N



Model 932



Model 931



Size(HxWxD): 150mm x 70mm x 48mm

Weight: 255g

Accessories:

Test leads, 9V battery, type K temperature probe (931/931N/932/932N) and gift box with carrying case.

DT-920/920N/920L/921/921N/922 Compact Digital Multimeters



• 0.5% basic DC accuracy

- Double molded plastic housing
- Built-in Non-Contact AC Voltage Detector (920N/921N)

- Safety Conformance**
- EN61010-1 CATIII 600V
 - Double molded plastic housing
 - Full ranges protection



Model 920



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



Model 920N



Model 922



Features

	920/920N/920L	921/921N	922
Digital display counts	2000	2000	4000
Safety design	*	*	*
Data Hold	*	*	*
Auto Ranging		*	*
Auto Power Off			*
MAX Hold	*		
Non-Contact ACV detection	920N	921N	
Backlight LCD display	920L		

Specifications

Function	Max Range	Basic Accuracy	920/920N/920L	921/N	922
Voltage DC	600V	±0.5%	*	*	*
Voltage AC	600V	±1.2%	*	*	*
Current DC	10A	±2.5%	*	*	*
Current AC	10A	±3.0%		*	*
Resistance	2MΩ	±0.8%	*		
	20MΩ	±0.8%		*	
	40MΩ	±0.8%			*
Capacitance	100μF	±3.0%			*
Frequency	10MHz	±1.5%			*
Temperature	760°C/1400°F	±3.0%		*	*
Duty Cycle	9.99%	±1.2%			*
Diode Check		*	*	*	
Continuity Test		*	*	*	*

Size(HxWxD): 150mm x 70mm x 48mm

Weight: 255g

Accessories:

Test leads, 9V battery, type K temperature probe (921/921N/922) and gift box with carrying case.

DT-912B/912/912N/914/916/916N/918/919 Compact Digital Multimeters



• Built-in Non-Contact AC Voltage Detector (912N/916N)

- Double molded plastic housing
- Automatic DC/ACV, OHM/DIODE/CAP/Continuity check (919 only)



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



Model 912B

- Safety Conformance**
- EN61010-1 CATIII 600V
 - Double molded plastic housing
 - Full ranges protection

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

	912B	912/912N	914	916	916N	918	919
Digital display counts	2000	2000	2000	4000	4000	6000	6000
Safety design	*	*	*	*	*	*	*
Auto Ranging & Data Hold		*	*	*	*	*	*
Auto Power Off			*	*	*	*	*
MAX Hold		*				MAX/MIN	MAX/MIN
Non-Contact ACV detection		912N				*	
Analog bargraph/segments						61-segments	
Display backlight	*	*	*	*	*	*	*
Data hold	*	*	*	*	*	*	*
Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection (919 only)							

Features

	912B	912/912N	914	916	916N	918	919
Digital display counts	2000	2000	2000	4000	4000	6000	6000
Safety design	*	*	*	*	*	*	*
Auto Ranging & Data Hold		*	*	*	*	*	*
Auto Power Off			*	*	*	*	*
MAX Hold		*				MAX/MIN	MAX/MIN
Non-Contact ACV detection		912N				*	
Analog bargraph/segments						61-segments	
Display backlight	*	*	*	*	*	*	*
Data hold	*	*	*	*	*	*	*
Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection (919 only)							

Specifications

Function	Max Range	Basic Accuracy	912/912N/912B	914	916	916N	918	919
Voltage DC	600V	±0.5%	*	*	*	*	*	*
Voltage AC	600V	±1.2%	*	*	*	*	*	*
Current DC	10A	±2.5%	*	*	*	*	*	*
Current AC	10A	±3.0%		*	*	*	*	*
Resistance	2MΩ	±0.8%	*					
	20MΩ	±0.8%					*	
	40MΩ	±0.8%				*	*	*
Capacitance	100μF	±3.0%			*	*	1000μF 40mF	
Frequency	10MHz	±1.5%			*	*	*	*
Temperature	760°C/1400°F	±3.0%	912T	*	*	*	*	
Duty Cycle	9.99%	±1.2%			*	*	*	*
Diode Check		*	*	*	*	*	*	*
Continuity Test		*	*	*	*	*	*	*

Size(HxWxD): 138mm x 66mm x 38mm

Weight: 208g

Accessories:

Test leads, 9V battery and type K temperature probe (912T/914/916/916N/918), clamshell.



Model 916N



Model 912N

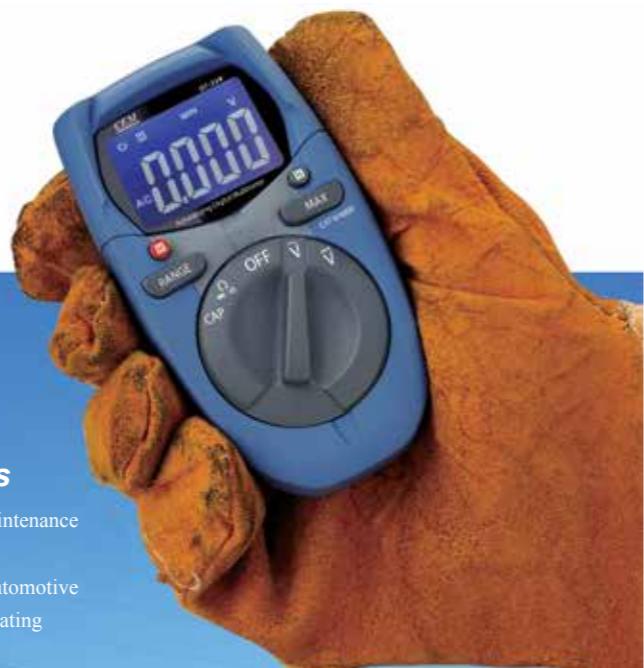
CATIV 600V Pocket Multimeter with NCV Tester

216/218/219 Series CATIV Pockert Multimeter has the features needed to find most electrical and HVAC problems.

- CAT IV 600V safety rating for industrial applications
- Wide 600V measurement range
- True-RMS for precise measurement of non-linear signals(219)
- Capacitance, resistance, continuity and frequency (218/219)
- Built-in thermometer (219 only)
- Large, easy-to-read display
- Backlight for work in dimly lit areas
- Max to record signal fluctuations
- Display hold function
- Manual and automatic ranging



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



Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage



- Double Molded housing
- CAT IV 600V
- Full range protection

- Non-Contact Voltage Detection
- Flashlight



Model 218



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



Features

	216	218	219
Digital display counts	2000	4000	4000
Safety design	*	*	*
True RMS			*
Auto Ranging	*	*	*
Data Hold	*	*	*
MAX Hold	*	*	*
Auto Power Off	*	*	*
Flashlight		*	*
Non-Contact Voltage detection	*	*	*
Pocket size	*	*	*

Specifications

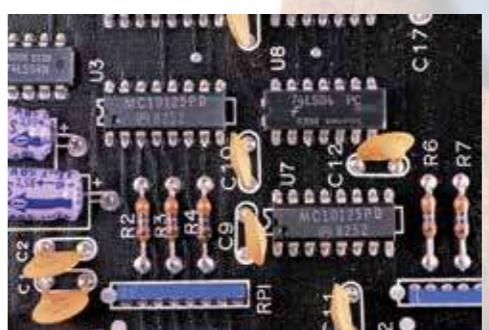
Function	Max Range	Basic Accuracy	216	218	219
Voltage DC	600V	±0.5%	*	*	*
Voltage AC	600V	±1.2%	*	*	*
Current DC	100A	±2.5%			*
Current AC	100A	±3.0%			*
Resistance	20MΩ	±0.8%	*		
	40MΩ	±0.8%		*	*
Capacitance	100uF	±(3.0%±5d)	*	*	
Temperature	760°C/1400°F	±3.0%			*
Frequency	100kHz	±(0.8%±5d)		*	*
NCV (VAC: 100V~600V)		*	*	*	
Diode Check		*	*	*	
Continuity Test		*	*	*	

Size(HxWxD): 105mm x 60mm x 38mm

Weight: 145g

Accessories:

Test leads, two "AAA" batteries and clamshell.



Model 219


DMP-30/31/32/33 Pocket DMMS

33: 6000 counts, 10 functions including DCV, ACV, DCA, ACA Resistance, Capacitance, Frequency, Duty Cycle, Continuity, diode test with Data Hold, Relative and MAX/MIN functions.

30/32: 4000 counts, 10 functions including DCV, ACV, DCA, ACA Resistance, Capacitance, Frequency, Duty Cycle, Continuity, diode test with Data Hold and Relative functions.

31: 2000 counts, 5 functions with Data Hold, Max Hold and Auto Power Off.

Specifications

Function	Max Range	Basic Accuracy	30	31	32	33
Voltage DC	600V	±(1.0%±2d)	*	*	*	*
Voltage AC	600V	±(1.5%±5d)	*	*	*	*
Resistance	20MΩ	±(1.0%±2d)		*		
	40MΩ	±(1.0%±2d)	*			
	60MΩ	±(1.0%±2d)			*	
Capacitance	100μF	±(3.0%±5d)	*		*	
	1000μF	±(3.0%±5d)				*
Frequency	9.999MHz	±(0.8%±5d)	*		*	*
Current DC	200mA	±(1.5%±2d)		*	*	
Current AC	200mA	±(2.5%±5d)		*	*	
Continuity	Audible threshold < 50Ω		*	*	*	*
Diode test	Test Current 0.6mA		*	*	*	*

Size(HxWxD): 115mm x 60mm x 16mm

Weight: 82g

Accessories:

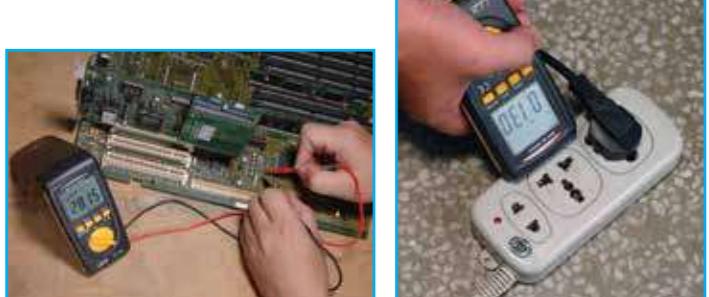
Test leads, Wallet style case and one CR 2032 button battery.

DT-10/16/16A Pocket Digital Multimeters


Rubber Protection

Oversized high contrast 4000/6000 counts LCD Display

Built-in Non-Contact Voltage Detector automatically detects a live wire when the red LED is lit


Specifications

Function	Max Range	Basic Accuracy	10	16	16A
Voltage DC	600V	±(1.3%±2d)	*	*	*
Voltage AC	600V	±(2.3%±5d)	*	*	*
Resistance	40MΩ	±(2.0%±2d)	*	*	*
	60MΩ	±(1.0%±2d)		*	*
Continuity	Audible threshold < 50Ω		*	*	*
Diode test	Test Current 0.6mA		*	*	*
Frequency	9.999MHz	±(0.8%±5d)			*
Current DC	200mA	±(1.5%±2d)	*	*	
	4000μA/6000μA	±(2.5%±5d)	*	*	
Current AC	4000μA/6000μA	±(2.5%±5d)	*	*	
	200mA	±(2.5%±5d)	*	*	

Size(HxWxD): 126mm x 59mm x 32mm

Weight: 124g

Accessories:

Test leads, Wallet style case and one 1.5V L44 button battery.



Model 103B



Model 103



Model 107

DT-101/102/103/103B/105/107/108 Pocket DMMS

101/102 Series Pocket Digital Multimeters provide multifunction.

Features

	103B	101/103	102/105	107	108
2000 Counts digital display	*	*	*	*	*
Safety design CAT II 600V	*	-/*	-/*	*	*
Double molded housing	*	-/*	-/*	*	*
Non-contact ACV detection	-/*	-/*	*	*	*
Data Hold	-/*	-/*	*	*	*
Auto Ranging			*	*	*
Auto Power Off			*	*	*
Type K temperature input				*	

Specifications

Function	Max Range	Basic Accuracy	101/103/103B	102/105	107	108
Voltage DC	600V	±0.5%	*	*	*	*
Voltage AC	600V	±1.8%	*	*	*	*
Current DC	200mA	±1.0%	*	*	*	*
Resistance	2MΩ	±0.8%	*	*	20MΩ	20MΩ
Temperature	760°C/1400°F	±3.0%				*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

Size(HxWxD): 101/102: 100mm x 48mm x 26mm

103/105/107/108: 108mm x 53mm x 32mm

Weight: 102g

Accessories:

Clamshell, Test leads and 12V battery.

DT-111/112/113 Pocket DMMS

111/113: 4000 counts, 10 functions including DCV, ACV, DCA, ACA Resistance, Capacitance, Frequency, Duty Cycle, Continuity and diode test with Data Hold and Relative functions.

112: 2000 counts, 5 functions with Data Hold, Max Hold and Auto Power Off.

Specifications

Function	Max Range	Basic Accuracy	111	112	113
Voltage DC	500V	±(1.3%±2d)	*	*	*
Voltage AC	500V	±(2.3%±5d)	*	*	*
Resistance	20MΩ	±(2.0%±2d)		*	
	40MΩ	±(1.0%±2d)	*		*
Continuity	Audible threshold < 50Ω		*	*	*
Diode test	Test Current 0.6mA		*	*	*
Capacitance	200μF	±(3.0%±5d)	*		*
Frequency	9.999MHz	±(0.8%±5d)	*		*
Current DC	400mA	±(1.5%±2d)		*	
	4000μA/6000μA	±(2.5%±5d)	*		
Current AC	4000μA/6000μA	±(2.5%±5d)	*	*	
	200mA	±(2.5%±5d)	*	*	

Size(HxWxD): 113mm x 61mm x 13mm

Weight: 90g



Model 111



Model 112



Accessories:

111/112/113: Test leads, Wallet style case and one CR 2032 button battery.



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

DT-3216/3218/3219/3280/3280B/3290

Pen-type Digital Multimeters

Model 3280B



- 7 functions Pen-type Digital Multimeters
- Large 3-3/4 digital LCD display with Bargraph
- Full function indication
- Diode and audible continuity

Specifications

Function	Max range	Basic accuracy	3216	3218	3219	3280	3280B	3290
Voltage DC	600V	±0.8%	*	*	*	*	*	*
Voltage AC	600V	±1.2%	*	*	*	*	*	*
Current DC		±1.5%		340mA	400mA	200mA		400mA
Current AC		±2.0%		340mA	400mA	200mA		400mA
Resistance		±3.0%	20MΩ	30MΩ	40MΩ	20MΩ	20MΩ	40MΩ
Non-contact voltage: 50-600V					*	*	*	
Continuity: <35Ω								
Diode test: Test voltage max. 3.4V								

Size(HxWxD): 220mm x 40mm x 33mm

Weight: 215g

Accessories:

Clamshell and button battery

Model 3218



EMC & LVD

EN: 61326

EN: 61010-1,

EN: 61010-02-031

DT-3260 Smart Pen-type Digital Multimeter

3260 is ideal for electrical trouble shooting, which can check components (resistance, capacitance, diode and continuity) and circuit fault.

All inputs are protected to EN 61010-1 CATIII 600V.

Features

- Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection
- 6000 counts LCD display
- Auto/manual ranging
- Data Hold/MAX/MIN recording mode
- Auto Power Off
- Wide capacitance range
- Diode Check & Continuity Test

Specifications

Function	Max. Range	Basic Accuracy
Voltage DC	600V	±0.5%
Voltage AC	600V	±1.0%
Current DC	400mA	±1.0%
Current AC	400mA	±1.5%
Resistance	40MΩ	±1.0%
Capacitance	40mF	±3.5%

Size(HxWxD): 230mm x 35mm x 20mm

Weight: 200g

Accessories:

Clamshell and button battery



EMC & LVD

EN: 61326

EN: 61010-1,

EN: 61010-02-031



Model 3260

DT-116/118/118B/119

3 in 1 e - Testers



The four pocket models 116, 118, 118B and 119 are double molded plastic housing and large high contrast 2000/4000 counts LCD display. They are all CAT IV 600V safety designed plus non-contact voltage detection & flashlight.

Safety Conformance

- EN61010-1 CATIII 1000V
- 200mA fused protection (118/118B)

- Non-Contact Voltage Detection
- Double Molded housing
- CAT IV 600V
- Full range protection


 EMC & LVD
 EN: 61326
 EN: 61010-1
 EN: 61010-02-031
**Features**

	116	118	118B	119
Digital display counts	2000	2000	4000	2000
Safety design & Pocket size	*	*	*	*
Auto Ranging & Auto Power Off	*	*	*	*
Data Hold	*	*		*
Flashlight	*	*	*	*
Non-Contact Voltage detection	*	*	*	*

Specifications

Function	Max Range	Basic Accuracy	116	118	118B	119
Voltage DC	600V	±0.5%	*	*	*	*
Voltage AC	600V	±1.2%	*	*	*	*
Current DC	200mA	±2.0%		*	*	
Current AC	200mA	±2.5%		*	*	
Resistance	2MΩ	±0.8%		*		
	20MΩ	±0.8%		*	40MΩ	*
Capacitance	100μF	±(3.0%±5d)			*	
Frequency	100kHz	±(0.8%±5d)			*	
NCV (VAC: 100V~600V)			*	*	*	*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

Size(HxWxD): 120mm x 55mm x 40mm

Accessories: Test leads, two "AAA" batteries and clamshell.

Weight: 145g

SMD-100 Smart Electronic Components Tester

SMD-100 has a changeable head for automatic scan check DC/AC Voltage, components (resistance, capacitance, diode and continuity) and circuit fault.

All inputs are protected according to EN 61010-1 CATIII 600V.

Features

Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection
6000 counts LCD display
Auto scan DC/AC Voltage, resistance, capacitance, diode and continuity
Data Hold/MAX/MIN recording mode
Auto Power Off
Wide capacitance range
Diode Check & Continuity Test

Specifications

Function	Range	Basic Accuracy
Voltage DC	600mV/6V/60V/600V	±0.8%
Voltage AC	600mV/6V/60V/600V	±1.0%
Resistance (Ω)	600/60k/600k/6M/60M	±1.0%
Capacitance (F)	6n/60n/600n/6μ/600μ/6m/60m	±3.5%
Diode check	Open voltage 2.8Vdc, test current 1mA.	
Continuity test	Threshold 35 Ω	

Size(HxWxD): 184mm x 37mm x 23mm

 Accessories: Two LR44(1.5V) button batteries and clamshell
 Weight: 76g

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


DT-155

Intelligent Semiconductor Analyzer

The intelligent semiconductor Component analyzer offers great features together with refreshing simplicity.



EMC
EN: 61326



DT-925 Voltage & Current Calibrator / DMM with Voltage & Current Calibrator

925 Voltage/Current calibrator is a portable instrument for calibrating process devices and measuring process signals. It brings you into the field of precision measurement.

Model 925



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



Specifications (standard source)

Function	Range	Display Resolution	Accuracy
Current source	0-19.99mA	0.01mA	±(0.25%FS+1d)
	0-24mA	0.1mA	±(0.5%FS+1d)
DC mV source	-199.9mV to +199.9mV	0.1mV	±(0.25%FS+1d)
	+199.9mV		

Specifications (measurement)

Range	0-19.99mA	0.01mA	±(0.25%FS+1d)
	0-24mA	0.1mA	±(0.5%FS+1d)

Size(HxWxD): 150mm x 70mm x 48mm
Weight: 236g

Accessories:
Test leads, 9V battery and gift box with carrying case.

DT-9930/9931

11,000 Counts LCR Meters



9930 is new 11,000 Counts LCR Meter

9931 is new 11,000 Counts digital multimeter with LCR function

Safety Conformance

- EN61010-1 CAT IV 600V, CAT III 1000V (9931)
- Full ranges protection

IP67 dust and water proof

Double molded plastic housing



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

Model 9931

Features

Automatic component type identification
Automatic pinout identification, just connect any way round.
Special feature identification such as diode protection and resistor shunts.
Gain measurement for bipolar transistors.
Leakage current measurement for bipolar transistors.
Silicon and Germanium detection for bipolar transistors.
Gate threshold measurement for Enhancement Mode MOSFETs.
Semiconductor forward voltage measurement for diodes, LEDs and transistor Base-Emitter junctions.
Automatic and manual power-off.

Features

Automatic component type identification
Automatic pinout identification, just connect any way round.
Special feature identification such as diode protection and resistor shunts.
Gain measurement for bipolar transistors.
Leakage current measurement for bipolar transistors.
Silicon and Germanium detection for bipolar transistors.
Gate threshold measurement for Enhancement Mode MOSFETs.
Semiconductor forward voltage measurement for diodes, LEDs and transistor Base-Emitter junctions.
Automatic and manual power-off.

Size(HxWxD): 102mm x 56mm x 24mm

Weight: 91g

Accessories:

Two "AAA" batteries and clamshell

Features

	9930	9931
Digital display counts	11,000	11,000
Data Hold & Auto Ranging	*	*
MAX/MIN recording mode	*	*
Auto Power Off	*	*
DMM + LCR		*

Specifications (Multimeter)

Function	Max Range	Basic Accuracy	9930	9931
Voltage DC	1000V	±0.5%		*
Voltage AC	1000V	±0.8%		*
Current DC	1.1A	±1.2%		*
Current AC	1.1A	±1.8%		*
Frequency	10MHz	±1.5%		*
Duty Cycle	9.99%	±1.2%		*
Diode Check			*	*
Continuity Test			*	*

Specifications (LCR)

Function	Max.Range	Max.Resolution	Basic Accuracy
Resistance	110.00MΩ	0.01Ω	±1.2% of rdg ±5 digits
Capacitance	110.00μF	1pF	±3.0% of rdg ±30 digits
Inductance	20H	1uH	±(2%+5)

Size(HxWxD): 182mm x 82mm x 55mm

Weight: 360g

Accessories: Test leads and 9V battery, gift box with carrying case.

DT-9935 Professional LCR Meter

9935 LCR Meter features with an innovative automatic selection technology, automatically measuring L,C and R with Q, D and θ by just turn on the meter. The testing frequency is up to 10kHz and it can output up to 100kHz test frequency. It provides high accuracy with four or five terminal Kelvin measurements.

- Overload Indication
- Lower Battery Indication
- Auto Power Off

Specifications

Inductance	
Ranges	20uH-2000H
Resolution	0.001uH
Basic Accuracy	±(0.2+5d)
Capacitance	
Ranges	20pF-20mF
Resolution	0.001pF
Basic Accuracy	±(0.2+3d)
Resistance	
Ranges	20Ω-2000MΩ
Resolution	0.001Ω
Basic Accuracy	±(0.2+2d)
DC Resistance	
Ranges	20Ω-2000MΩ
Resolution	0.001Ω
Basic Accuracy	±(0.2+2d)
Q (quality)	
Ranges	0.000-999
Resolution	0.001
D (dissipation)	
Ranges	0.000-999
Resolution	0.001
Theta	
Ranges	±90 degree
Resolution	1 degree



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

Size(HxWxD): 220mm x 96mm x 60mm

Weight: 360g

Accessories:

Test leads and 6 x 1.5V "AA" batteries, gift box with carrying case.



DT-991 Series & 200 Series/9932FC High Performance Digital Multimeters



Model 991



Model 204



Model 9932FC

991/200 Series Mini Digital Multimeters provide multifunction and lower price. Rugged pocket design is easy and safe to use with protective holster.

- Safety Conformance**
- EN61010-1 CATIII 600V
- Includes protective holster
- 10A fused protection



Specifications

Function	Max. Range	Basic Accuracy	991/200	992/201	993/202	202T	204	204T
Voltage DC	600V	$\pm(0.8\% \pm 2d)$	*	*	*	*	*	*
Voltage AC	600V	$\pm(1.2\% \pm 10d)$	*	*	*	*	*	*
Current DC	10A	$\pm(1.2\% \pm 2d)$	*	*	*	*	*	*
Current AC	10A	$\pm(1.8\% \pm 7d)$		*/-	*	*	*	*
Resistance	2000Ω	$\pm(0.8\% \pm 2d)$	*	*				
	40MΩ	$\pm(0.8\% \pm 2d)$			*	*	*	*
Temperature	760°C/1400°F	$\pm(3.0\% \pm 3d)$		*	*	*	*	*
Duty Cycle	0.1%~99.9%	$\pm(1.2\% \pm 2d)$		*	*	*	*	*
Frequency	9.999MHz	$\pm(1.5\% \pm 4d)$		*	*	*	*	*
Capacitance	200uF	$\pm(2.5\% \pm 5d)$		*	*			
	40mF	$\pm(2.5\% \pm 5d)$				*	*	
Diode Check	Open voltage 2.8Vdc; Test current 1mA		*	*	*	*	*	*
Continuity	Threshold 30Ω		*	*	*	*	*	*
Bat. Test	9V(6mA); 1.5V(100mA)		*					

991 Series:

Size(HxWxD): 121.5mm x 60.6mm x 40mm
Weight: 150g

Accessories:

Test leads, Holster and 9V battery, clamshell.

200 Series:

Size(HxWxD): 146mm x 66.2mm x 41.5mm
Weight: 200g

Accessories:

Test leads, K-type temperature probe (201, 202, 202T, 204, 204T) and 9V battery, gift box.

Specifications

Function	Max Range	Min Resolution	Basic Accuracy
Voltage DC	1000V	0.1mV	$\pm(1.2\% \pm 2d)$
Voltage AC	750V	0.1mV	$\pm(0.8\% \pm 3d)$
Current DC	20A	0.1uA	$\pm(1.5\% \pm 3d)$
Current AC	20A	0.1uA	$\pm(1.8\% \pm 5d)$
Resistance	40MΩ	0.1Ω	$\pm(1.0\% \pm 2d)$
Capacitance	100uF	10pF	$\pm(3.5\% \pm 5d)$
Frequency	9.999MHz	0.001Hz	$\pm(1.2\% \pm 3d)$
Duty Cycle	99.9%	0.1%	$\pm(1.2\% \pm 2d)$
Temperature	1000°C/1832°F	0.1°C/F	$\pm(3\% \pm 2°C/F)$
Diode Check	1.5VDC test 0.3mA current		
Continuity Check	Threshold 30Ω, continuity beeper 2.7kHz		

Size(HxWxD): 197mm x 88.4mm x 41.2mm

Weight: 635g

Accessories:

Rubber holster, Test leads, K-type temperature probe, 9V battery, RS-232 PC cable and Software diskette, Gift box with carrying case.



DT-2005B/DT-2008 3 1/2 Digital Multimeters/ DT-9905/9908/9909 High Performance, High Accuracy Digital Multimeters



Double molded

Large LCD display



Model 2005B



Model 2008



Specifications

Function	Max Range	Basic Accuracy	2005B	2008	2009	2006
Voltage DC	1000V	$\pm(0.5\% \pm 2d)$	*	*	*	*
Voltage AC	700V	$\pm(1.0\% \pm 3d)$	*	*	*	*
Current DC	20A	$\pm(1.5\% \pm 3d)$	*	*	*	*
Current AC	20A	$\pm(2.0\% \pm 3d)$	*	*	*	*
Resistance	20MΩ	$\pm(1.2\% \pm 2d)$	*	*	40MΩ	60MΩ
Capacitance	200uF	$\pm(4.0\% \pm 3d)$	*	*	100uF	6000uF
Frequency	20kHz	$\pm(1.5\% \pm 5d)$		9,999MHz	9,999MHz	
Temperature	760°C/1400°F	$\pm(3.0\% \pm 3d)$		*	*	*
Diode Check	Open Voltage 2.8V dc		*	*	*	*
Continuity Test	Threshold 30Ω		*	*	*	*

Size(HxWxD): 195mm x 92mm x 38mm

Weight: 380g

Accessories :

Test Leads, Type K temperature probe (2008, 2009 & 2006), 9V battery, gift box and carrying case.

Features

	9905	9908	9909
Digital display counts	2000	2000	4000
Safety design	*	*	*
Data Hold			*
Backlit LCD Display	*	*	
Logic test			*

Specifications

Function	Max. Range	Basic Accuracy	9905	9908	9909
Voltage DC	1000 V	$\pm 0.5\%$	*	*	*
Voltage AC	700V	$\pm 1.2\%$	*	*	*
Current DC	20A	$\pm 2.5\%$	*	*	*
Current AC	20A	$\pm 3.0\%$	*	*	*
Resistance	20MΩ	$\pm 0.8\%$	*	*	400MΩ
Temperature	760°C/1400°F	$\pm 3.0\%$		*	
Frequency	2000Hz	$\pm 1.5\%$		*	4000kHz
Capacitance	200uF	$\pm 3.0\%$	*	*	40uF
Diode Check			*	*	*
Continuity test			*	*	*
Logic test					*

Size(HxWxD): 182mm x 82mm x 55mm

Accessories:

Test leads, 9V battery, Type K temperature probe (9908) and gift box with carrying case.

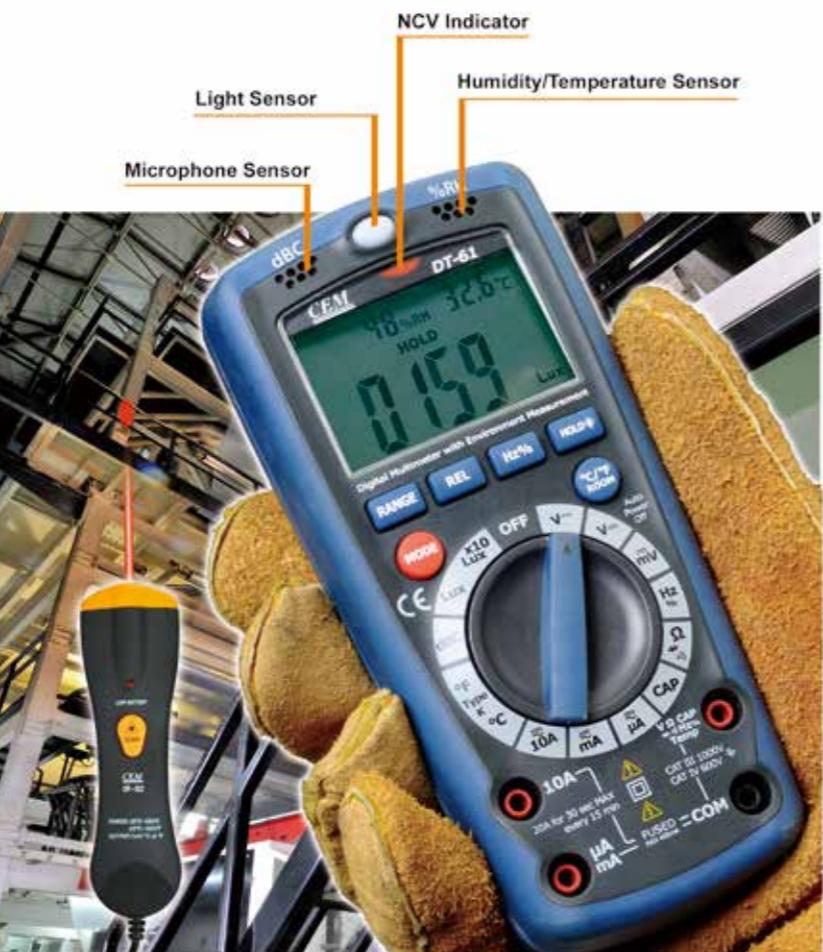


Model 9905

Model 9908

6 in 1 Digital Multimeter with Environment Measurement

- 61 is 6 in 1 multifunction multimeter, including DMM, sound level meter, light meter, humidity meter, temperature meter and Non-contact AC voltage detector
- Safety design meets CAT III 1000V and CAT IV 600V
- Infrared Probe for Non-contact Temperature measurement (Optional IR-82)
- Double Molded Housing
- 4000 Counts digital LCD display with backlit
- Auto ranging
- Data Hold and Relative function
- Auto Power Off



Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage

DT-21 5 in 1 Digital Multimeter with Environment Measurement

21 digital Multifunction Environment Meter have been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, Temperature Meter and digital multimeter. They are ideal Multifunction Environment Instruments with scores of practical applications for professional and home use.

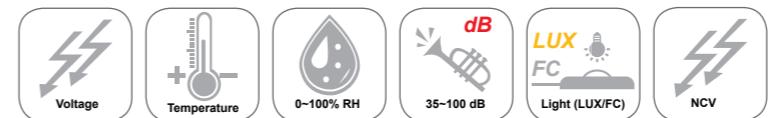


Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage



Model 21



Model 51



The model 61 is 6 in 1 Digital Multimeter with Environment Measurement. It has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, Temperature Meter & Non-contact AC voltage detector.

The model 51 is without temperature (°F) range. They are ideal Multifunction Environment & DMM Instruments with scores of practical applications for professional and home use.

The Sound Level function can be used to measure noise in factories, schools, offices and home, etc, checking acoustics of studios, auditoriums and hi-fi installations.

The Light function is used to measure illuminance in the field. It is fully cosine corrected for the angular incidence of light. The light sensitive component used in the meter is a very stable, long life silicon diode. The Humidity/Temperature uses a humidity/semiconductor sensor and K type thermocouple.

The DMM function include ACV, DCV, ACA, DCA Resistance, Capacitance, Frequency, Duty Cycle, Diode, Continuity test and Non-contact AC voltage detector.



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



Specifications

Function	Max Range	Max. Resolution	Basic Accuracy
Light	20,000 Lux	0.1 Lux	±5%±10d
	40,000 Lux		
Sound	100dB	0.1dB	±3.5dB
	-20 ~ 750 °C	0.1° up to 400°, 1° over 400°	±3%±3°C
Humidity	95%RH	0.1%RH	±3.5%RH
	-4 ~ 1400°F	0.1° up to 400°, 1° over 400°	±3%±5°F
Temperature			
NCV	50-1000V		
Voltage DC	600V	0.1mV	±0.5%±2d
Voltage AC	600V	0.1mV	±1.2%±10d
Current DC	10A	0.1uA	±1.0%±2d
Current AC	10A	0.1uA	±1.0%±2d
Resistance	40MΩ	0.1Ω	±0.8%±2d
Capacitance	100uF	0.01nF	±3.5%
Frequency	10MHz	0.001Hz	±1.5%
Duty Cycle	99.9%	0.1%	±1.2%
Diode Check	Open voltage 2.8VDC; Test current 1mA		
Continuity Test	Threshold 30Ω		

Size(HxWxD): 170mm x 79mm x 50mm

Weight: 342g

Accessories:

- 9V battery, Test leads and K-Type temperature probe.
- Infrared Temperature Probe (Option IR-82)

Model 61



Size(HxWxD): 121mm x 60.6mm x 40mm
Weight: 280g
Accessories :
Rubber holster, 9V battery, Test leads and K-Type temperature probe.



Professional True RMS Industrial Multimeter / Oscilloscope with Android Platform

Features

10MHz oscilloscope

50,000 count, 0.025% accuracy

Fast response, 20 times/sec

100kHz AC bandwidth

Fully PC Calibration

Bluetooth interface

Android Platform for multifunctions

IP67 dust and waterproof

CATIII 1000V/CATIV 600V



Worldwide Patent



EMC & LVD

EN: 61326

EN: 61010-1, EN: 61010-02-031

- TFT color LCD display
- 50000 counts
- PC Calibration
- Android Platform

9998 Professional True RMS Industrial Digital Multimeter with oscilloscope functions and TFT color LCD display, providing fast A/D converting sampling time, high accuracy, built-in datalogging and Trend Capture features. Android Platform permits smart multifunctions such as updating software on line, PC calibration etc.

Meterbox iMM software & cloud server support to transfer the measured data to the customer's smartphone for edit and storage.

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
20MHz/50MS/s bandwidth/Real time sample rate
Logging function with Trend Capture for easy review of logged data
Bluetooth PC interface for easy data transfer & accuracy calibration
100kHz bandwidth (voltage/current)
AC, AC+DC true-RMS measurements
0.025% DCV accuracy with Fully PC Calibration
Saves measurements, records events and trends
20 Times/sec. 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
Low pass filter
IP Rating 67 & CATIII 1000V/CATIV 600V
Bluetooth interface to smartphone / PC.
Meterbox iMM & cloud service
Android Platform permits smart multifunctions such as updating software on line, PC calibration etc



Model 9998

Specifications

Oscilloscope Functions

Display Size	3.5" color LCD; 320 x 240 pixels
Bandwidth	20MHz
Real time sample rate	50MS/s
Risetime	10ns
Channels	1
Vertical Sensitivity	50mV/div to 200V/div
Vertical Resolution	8 bits
Trigger Mode	Free Run, falling edge, rising edge
Trigger Source	Internal
Trigger Coupling	AC/DC
Input impedance	1MΩ/1pF
Max Input Volatage	1000Vp-p
Cursor Measurement	Voltage and time/ Frequency

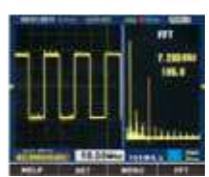
True RMS Multimeter Functions

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, Bluetooth and Software, gift box with carrying case.



10MHz Oscilloscope Function



Fast response time



Trend Capture function



Multifunction Selectable