

Inrush current (366)

True RMS (363/366)



The 360 series clamp meters offer all needed features for measurement. It with small bodies and jaws design for perfectly handhold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc. is easy with the inrush current function (366 only).

- Double molded plastic housing
- Inrush current function (366 only)
- Auto Power Off

Features	360	361	362	363	366
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC
Max. Resolution	1mA	1mA	10mA	10mA	10mA
LCD display counts	2000	4000	4000	4000	6000
AC True RMS				*	*
Display with backlight	*	*	*	*	*
Data Hold	*	*	*	*	*
Max Hold	*				
Zero Function			*	*	*
Auto Power Off	*	*	*	*	*
Low battery indication	*	*	*	*	*
Peak Current				*	*
Inrush Current					*
1.2" (30mm) Jaw opening	*	*	*	*	*

Specifications	Max Range	Basic Accuracy	360	361	362	363	366
Voltage DC	600V	±(0.5%+1d)	*	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*	*
Current DC	400A	±(2.0%+5d)			*	*	600A
Current AC	400A	±(2.5%+4d)	*	*	*	*	*
Resistance	40MΩ	±(3.0%+5d)	20MΩ	*	*	*	60MΩ
Temperature	1000°C/ 1832°F	±(3.0%+3d)		*	*	*	*
Capacitance	100uF	±(2.5%+5d)			*	*	40mF 60mF
Frequency	10MHz	±(1.2%+2d)			*	*	*
Inrush Current	600A	±(1.5%+2d)					*
Continuity check	Buzzer sounds at 50Ω		*	*	*	*	*
Diode test	Test current 0.3mA		*	*	*	*	*

Size(HxWxD): 197mm x 70mm x 40mm
Weight: 183g

Accessories:
Test leads, gift box with carrying case, Temperature probe(361,362, 363, 366 only) and 9V battery.



Model 360



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



Model 362



Model 363



370 clamp meter offers all needed features for measurement. It has small bodies and jaws design for perfectly handhold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc.



Drop-proof to 2M

Heavy Duty housing design

Features
200A AC Current measurement
4000 counts LCD display
Compact size
REL Function
Data Hold
Low battery indication
1.2" (30mm) Jaw opening



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

Specifications	Max Range	Basic Accuracy
Voltage DC	600V	±(0.5%+1d)
Voltage AC	600V	±(0.5%+2d)
Current AC	200A	±(2.5%+14d)
Resistance	40MΩ	±(3.0%+5d)
Temperature	1000°C/ 1832°F	±(3.0%+3d)
Capacitance	100uF	±(2.5%+5d)
Frequency	10MHz	±(1.2%+2d)
Continuity check	Buzzer sounds at 50Ω	
Diode test	Test current 0.3mA	

Size(HxWxD): 230mm x 82mm x 40mm
Weight: 230g

Accessories:
Test leads, gift box with carrying case, Temperature probe and Two"AAA"1.5V batteries.



Model 370

The 380 series clamp meters offer all the features you need to fit the way you work. The small bodies and jaws fit perfectly in your hand and into tight places.

Features	380	381	382	383
Current measurement	AC	AC	AC/DC	AC/DC
LCD display counts	2000	4000	2000	4000
Data Hold	*	*	*	*
REL (Zero) Function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
1.2" (30mm) Jaw opening	*	*	*	*
NCV Detection	*	*	*	*

Specifications	Max Range	Basic Accuracy	380	381	382	383
Voltage DC	600V	±(0.5%+1d)	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*
Current DC	400A	±(2.0%+5d)			200A	*
Current AC	400A	±(2.5%+4d)	*	*	200A	*
Resistance	40MΩ	±(3.0%+5d)	20MΩ	*	20MΩ	*
Temperature	1000°C/ 1832°F	±(3.0%+3d)	*	*	*	*
Capacitance	100uF	±(2.5%+5d)		*	*	*
Frequency	10MHz	±(1.2%+2d)		10kHz	*	10kHz
Continuity check	Buzzer sounds at 50Ω					
Diode test	Test current 0.3mA					

Size(HxWxD): 230mm x 82mm x 40mm
Weight: 230g

Accessories:
Test leads, gift box with carrying case, Temperature probe and Two"AAA"1.5V batteries.



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



Model 383

3 in 1 Mini AC, AC/DC Clamp Meters

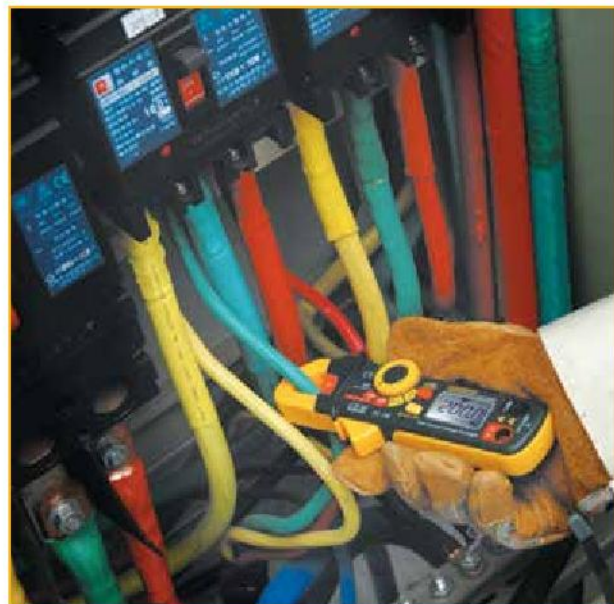


Features	35	36
True RMS	*	*
AC/DC Voltage, Resistance, Continuity, Diode check	*	*
Digital display counts	2000	2000-9999
0.7" Jaw opening	*	*
Non-contact Voltage detector and Flashlight	*	*
AC Current	*	*
DC Current	*	*
Data Hold function	*	*
MAX/MIN function	MAX	*
DCA Zero function	*	*
Peak Hold function	*	*
Auto Power Off	*	*
Low battery indication	*	*
Backlight Display	*	*

Specifications	35	36
Function		
AC Current	200A	±(2.5%-8d)
DC Current	200A	±(2.0%-5d)
Voltage DC	600V	±(0.5%-1d) 0.2-600V auto 600.0V
Voltage AC	600V	±(1.5%-2d) 0.2-600V auto 600.0V
Resistance	20MΩ	±(3.0%±5d) 0.2k-20MΩ auto 999.9Ω
Diode	Open circuit voltage 1.5V, Test current 0.3mA (FC-35 only)	
Continuity	Buzzer sounds at 100Ω	
Non-contact Voltage detection : 100-600VAC		

Size(HxWxD): 178mm x 65mm x 32mm
Weight: 170g

Accessories:
Test leads, clamshell with carrying case and Two "AAA"1.5V batteries.



The FC-31/32/33 Series are designed to verify the presence of load current, Non-contact Voltage and Flashlight, etc. The small bodies and jaws fit perfectly in your hand and a large backlit display is easy to read.



Features	31	32	33
Digital display counts	2000	2400	2400
Jaw opening	0.7"	0.7"	0.7"
Non-contact Voltage detector and Flashlight	*	*	*
Non-contact Frequency measurements	*	*	*
AC/DC Current	*	*	*
AC/DC Leakage Current Tester	*	*	*
Data Hold function	*	*	*
MAX Hold function	*	*	*
DCA Zero function	*	*	*
Auto Power Off	*	*	*
Low battery indication	*	*	*
Backlight Display	*	*	*

Specifications	31	32	33
Function			
AC Current	2A	±(3.0%-8d)	1mA
	20A	±(3.0%-8d)	10mA
	80A	±(3.0%-8d)	100mA
	200A	±(3.0%-8d)	100mA
DC Current	2A	±(2.8%-8d)	1mA
	80A	±(2.8%-8d)	100mA
	200A	±(3.0%-8d)	100mA
Frequency	40-51Hz	±(1.2%-5d)	0.01Hz
	51-510Hz	±(1.2%-3d)	0.1Hz
	0.51-1kHz	±(1.2%-3d)	0.001kHz
Non-contact Voltage detection : 100-600VAC			

Size(HxWxD): 164mm x 65mm x 32mm
Weight: 151g

Accessories:
Clamshell with carrying case and Two "AAA"1.5V batteries.



The 339 is new designed to verify the presence of load current, voltage and resistance, etc. The small bodies and jaws fit perfectly in your hand and a large backlit display is easy to read.

Test lead mA range with high 1mA resolution for IIVAC and Process control applications
Data Hold freeze the displayed value
Auto Power Off

High Resolution



Model 337



Model 338

Features	337	338	339
Small jaw size	0.5"	0.8"	0.7"
1mA high resolution	*	*	*
True RMS AC clamp-on multimeter	*	*	*
Type K Temperature function	*	*	*
Digital clamp tester for AC/DC current measurement	*	*	*
Providing wide measuring range from very small to large current	*	*	*
Designed to safety standard IEC 61010-2-032: CAT III 600V and pollution degree 2.	*	*	*
Display counts	4000	4000	5000
Auto power off & Data hold function	*	*	*
Peak hold ,Max/Min hold and Relative functions	*	*	*
Advanced functions include Capacitance, Frequency	*	*	*

Specifications	Max. Range	Max. Resolution	Basic Accuracy	337	338	339
Current AC	80A	1mA	±(2.5%+15d)	*	*	*
Current DC	80A	1mA	±(2.5%+4d)	*	*	*
Voltage AC	400mV-600V	0.1mV	±(2.0%+14d)	*	*	*
Voltage DC	400mV-600V	0.1mV	±(1.5%+3d)	*	*	*
Resistance	400Ω-40MΩ	0.1Ω	±(1.5%+12d)	*	*	*
Frequency	5Hz-10MHz	0.001Hz	±(1.2%+3d)	*	*	*
% Duty	5%-99.9%	0.1%	±(1.2%+13d)	*	*	*
Capacitance	40mF	0.001nF	±(3.5%+10d)	100uF	*	500.0uF
Temperature	-20°C~760°C	0.1 °C	±(2.0%+3°C)	*	*	*
	-4 °F~+1400 °F	0.1 °F	±(2.0%+3°F)	*	*	*
Diode Check	Test current of 0.3mA, Open circuit voltage 3.0V(338)			*	*	*
Continuity Check	Threshold 50Ω			*	*	*

Size(HxWxD): 210mm x 70mm x 37mm
Weight: 200g

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



Model 339



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

The 330 series are designed to verify the presence of load current, voltage and resistance, etc. The small bodies and jaws fit perfectly in your hand and a large backlit display is easy to read.

- Test lead μA range with high 0.1μA resolution for IIVAC and Process control applications (335/336 only)
- Data Hold freeze the displayed value
- Auto Power Off

Features	330	331	332/ 332T	333/ 333T	335	336
Max. Resolution to Current measurement	AC 1mA	AC 1mA	AC/DC 10mA	AC/DC 10mA	AC/DC 0.1uA	AC/DC 0.1uA
LCD display counts	2000	2000	4000	4000	4000	4000
AC True RMS			332T	333T		
Display with backlight	*	*	*	*	*	*
Data Hold	*	*	*	*	*	*
Max Hold	*	*				
Zero Function			*	*	*	*
Auto Power Off	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*
AC/DC Current			*	*	*	*
0.9" (23mm) Jaw size	*	*	*	*	*	*

Specifications	Max Range	Basic Accuracy	330	331	332	333	335	336
Voltage DC	600V	±(0.5%+1d)	*	*	*	*	*	*
Voltage AC	600V	±(1.5%+12d)	*	*	*	*	*	*
Current DC	400A	±(2.5%+15d)			*	*		
Current AC	400A	±(3.0%+4d)	*	*	*	*	*	*
Resistance	20MΩ	±(3.0%+5d)	*	*	40MΩ	40MΩ	40MΩ	40MΩ
Temperature	1000°C/ 1832°F	±(3.0%+3d)		*		*	*	
Capacitance	100uF	±(2.5%+5d)			*	*	*	*
Frequency	150KHz 10MHz	±(1.2%+2d)			*	*	*	*
Continuity	Buzzer sounds at 100Ω		*	*	*	*	*	*
Diode	Test current 0.3mA; Open circuit voltage 1.5V		*	*	*	*	*	*

Size(HxWxD): 205mm x 70mm x 37mm
Weight: 200g

Accessories:
Test leads, gift box with carrying case, Temperature probe(331, 333, 335 only) and Two "AAA" 1.5V batteries.



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



Model 333



Model 330



Model 332



Model 3310

3310 Series Professional 1000A AC Clamp Meters provide many functions for professional AC current and voltage measurements including resistance, capacitance and diode test, etc. With mid-size and tear-drop shaped jaw, it is easy to use in crowded cable areas and other tight places.



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EN: 61326
EN: 61010-1, EN: 61010-02-031

Features	3310	3311
Current measurements	AC	AC
Digital display counts	4000	4000
Electronic overload protection	*	*
Continuity buzzer & Diode check	*	*
Data Hold function	*	*
Auto Power Off	*	*
Low battery indication	*	*
Display with backlight	*	*
2.16" (55mm) Clamp jaw opening	*	*

Specifications		3310	3311
Function	Max Range	Basic Accuracy	Max. Resolution
AC Current	1000 A	±(2.5%+5d)	100mA
AC Voltage	1000V	±(1.0%+4d)	0.1mV
DC Voltage	1000V	±(0.5%+4d)	0.1mV
Resistance	40MΩ	±(1.0%+2d)	0.1Ω
Capacitance	40mF	±(3.0%+5d)	0.01nF
Frequency	10MHz	±(1.2%+2d)	0.001Hz

Model 3311



Size(HxWxD): 270mm x 107mm x 50mm
Weight: 554g

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

3312/3313/3315/3316 Series Professional 2000A AC, AC/DC Clamp Meters provide many functions for professional AC, AC/DC measurements including resistance, capacitance and diode test, etc. With mid-size and tear-drop shaped jaw, it is easy to use in crowded cable areas and other tight places.



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

Features	3312	3313	3315	3316
Current measurements	AC	AC/DC	AC/DC	AC/DC
True RMS measurements	*	*	*	*
Digital display counts	4000	4000	4000	4000
Electronic overload protection	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*
Data Hold function	*	*	*	*
Peak Hold	*	*	*	*
DCA Zero function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
Display with backlight	*	*	*	*
2.16" (55mm) Clamp jaw opening	*	*	*	*

Specifications		3312	3313	3315	3316		
Function	Max Range	Basic Accuracy	Max. Resolution	3312	3313	3315	3316
AC Current	2000A	±(2.5%+5d)	100mA	*	*	*	*
DC Current	2000A	±(2.5%+5d)	100mA	*	*	*	*
AC Voltage	1000V	±(1.0%+4d)	0.1mV	*	*	*	*
DC Voltage	1000V	±(0.5%+4d)	0.1mV	*	*	*	*
Resistance	40MΩ	±(1.0%+2d)	0.1Ω	*	*	*	*
Frequency	10MHz	±(1.2%+2d)	0.001Hz	*	*	*	*



Size(HxWxD): 270mm x 107mm x 50mm
Weight: 554g

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

Model 3313



Model 3315



Model 3312



Model 3348

3348 Professional True RMS 1000A AC/DC Watt Clamp Meter provides accurate Watt, AC/DC Current and Voltage readings regardless of waveforms.

1000A True RMS

DC/AC True Power to 240kW



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

- Double molded housing
- Auto Power Off

Features

True RMS AC Voltage and Current
DC and AC True Power to 240kW
1.2" (30mm) Clamp jaw opening
Electronic overload protection
Continuity buzzer & Diode check
Data Hold function
DCA Zero function
Auto Power Off
Low battery indication
AC/DC Current

Specifications

Function	Max Range	Max. Resolution	Basic Accuracy
AC Current	1000 A	0.1A	±(2.5%+5d)
DC Current	1000 A	0.1A	±(3.0%+4d)
AC Voltage	600V	0.1mV	±(0.8%+2d)
DC Voltage	600V	0.1mV	±(1.0%+4d)
Resistance	40MΩ	0.1Ω	±(1.0%+4d)
Frequency	10MHz	0.01MHz	±(1.2%+3d)
AC Power	240kW	10W	±(3.0%+5d)
DC Power	240kW	10W	±(2.5%+5d)

Size(HxWxD): 229mm x 80mm x 49mm

Weight: 303g

Accessories:

Test leads, gift box with carrying case & 9V battery



Model 3353

3353 Professional True RMS 1000A AC Watt Clamp Meter provides accurate Watt, AC Current and Voltage readings regardless of waveforms.



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

1000A True RMS

DC/AC True Power to 750kW

Features

Analysis for Single Phase and Balanced 3 phase system
True RMS Value (Voltage and Current)
Large LCD Display with Backlight
USB interface
4 digits with dual display LCD
MIN / MAX measurement
True power / apparent power / power factor measurement
Data Hold
Auto Ranging
Overflow Indication
Auto Power Off
Manual Data Memory and Read (99 sets)
NCV Detection
2.16" (55mm) Jaw opening

Specifications

Function	Range	Basic Accuracy
AC Voltage	15V/100V/300V/750V	±(1.2%+5)
AC Current	40A/100A/400A/1000A	±(2%+5)
True Power	0.60kW—750kW	±(3%+5)
Apparent Power	0.60kVA—750kVA	±(3%+5)
Reactive Power	0.60kVAr—750kVAr	±(4%+20)of 15V/1000A else±(4%+5)
Power Factor	0.3-1	±(2%+20)
Phase Angle	0°-90°	±1°
Frequency	20Hz-200Hz	±(0.5%+5)
Energy	1-9999kWh	±(3%+2)

Size(HxWxD): 295mm x 100mm x 46mm

Weight: 537g

Accessories:

Test leads, gift box with carrying case and 9V battery, USB Cable, CD Software.



AC leakage current tester 9809 is a multifunction clamp meter with very good resolution of 10uA. It is very useful for power system check and installation. With the measuring range up to 100A, this tester is great for appliance installation or for car applications

- 10uA high resolution
- Large 3 3/4 (4000 counts) LCD display
- Auto Power Off
- Shielded transformer jaw opens to 1.2"
- Max/Min, Data Hold, Low battery indication
- Overload protection

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



Specifications

Function	Range	Resolution	Basic Accuracy
Current AC	40mA~100A	10uA~100mA	±(2.0%±3d)
Voltage AC	400V	0.1V	±(1.5%±10d)
Resistance	40~400Ω	0.1Ω	±(1.0%±2d)
Continuity Test	Threshold 40Ω, Continuity Beeper 2.5KHz		
1.2" (30mm) Clamp jaw opening			

Size(HxWxD): 209mm x 43mm x 30mm
Weight: 200g

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

DT-9810 Mini AC Leakage Current Tester



CE

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



Model 9810

- Shielded transformer jaw opens to 1.2"
- 100uA high resolution
- Least affected by external magnetic field, providing wide measuring range from very small to large current
- Designed to safety standard IEC 61010-2-032: over-voltage CAT.III, 300V and pollution degree 2.
- Data hold function to allow for easy reading in dimly lit or hard-to-reach locations
- Dynamic range of 2000 counts full scale
- Auto power off

Specifications

Range	Resolution	Basic Accuracy
200mA	0.1mA	±(2.5%±8d)
2A	1mA	±(2.5%±8d)
200A	0.1A	±(2.5%±8d)

Size(HxWxD): 182mm x 61mm x 34mm
Weight: 225g

Accessories:
Gift box with carrying case and 9V battery

Features

Large transformer jaws of 68mm diameter makes it possible to clamp on all three or four wires (3 phases) together for leakage current measurement.
Frequency filter switch to eliminate the effect of the harmonics.
Measurement from mA up to AC 1000A
True RMS enables an accurate measurement for distorted waveforms.
Peak hold function
Data hold function: Allows for easy reading in dimly light or hard-to-reach locations
Large LCD display with backlight
International safety standard IEC61010-1 CAT.III 600V

Specifications

Function	Range	Range	Accuracy(50/60Hz)	Accuracy(40~1kHz)
AC Current	200mA	0.1mA	±(1.5%±10d)	±(3.0%±10d)
	2A	1mA	±(1.5%±10d)	±(3.0%±10d)
	20A	10mA	±(1.5%±10d)	±(3.0%±10d)
	200A	100mA	±(2.0%±10d)	±(3.5%±10d)
	1000A	1A	±(5.5%±10d)	±(10%±10d)
AC Voltage	600V	0.1V	±(1.0%±5d)	
DC Voltage	600V	0.1V	±(1.0%±5d)	
Resistance	600Ω	0.1Ω	±(1.0%±5d)	
Continuity Test	Threshold 40Ω, Continuity Beeper 2KHz			
Conductor size	Φ68mm max.			
Frequency response	40Hz-1kHz			
Effect of external stray magnetic field	10mA AC max.			
Applicable standards	IEC 61010-1 CAT.III 600V IEC 61010-2-032			

Size(HxWxD): 250mm x 113mm x 45mm
Weight: 490g

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

DT-3355 Earth Ground Clamp Meter

Features

Large LCD display with backlight
Span of Jaw: 28mm for a long jaw; 32mm for a round jaw;
Protection Level: Double insulation
Structural Feature: In the jaw way
Range Shift: Automatic
External Magnetic Field: 40A/m
External Electric Field: 1V/m
Single Measuring Time: 1 second
Measurement Resistance Frequency: 1kHz
Maximum Resistance Measurement Resolution: 0.001 Ω
Resistance Measurement Range: 0.01-1000 Ω

Specifications

Function	Max Range	Max. Resolution	Basic Accuracy
Resistance	0.01~1000Ω	0.001Ω	±(1.0%±10d)
Current	0 ~ 20 A	1mA	±(2.5%±2d)

Size(HxWxD): 288mm x 100mm x 95mm
Weight: 1154g (for long jaw); 1120g (for round jaw).
Accessories:
Gift box with carrying case and 9V battery.



CE

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EN: 61326
EN: 61010-1,
EN: 61010-02-031



Model 9812



CE

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



Model 3355



CP-03C AC/DC Clamp-on adaptor with bluetooth interface

CP-03A/CP-03B High Resolution AC, AC/DC Clamp-on Adaptors. Providing non-invasive Current measurements to 4A with resolution to 1mA for AC, DC/AC Current. The adaptors are perfect for low current automotive, industrial control or appliance repair. CP-03C AC/DC Clamp-on adaptor with bluetooth interface.

Specifications						
Function	Range	Output	Sensitivity	Basic Accuracy	CP-03A	CP-03B/03C
Current	4A	100mV/A	0.01A/mV AC	±(2.5%+0.06A)	AC	
	40A	10mV/A	0.1A/mV DC/AC	±(2.5%+0.03A)	AC	DC/AC
	400A	1mV/A	1A/mV DC/AC	±(2.8%+0.03A)	AC	DC/AC
Clamp jaw opening					1.2" (30mm)	
Non-contact voltage detector					50-600VAC	



EMC & LVD
EN: 50081-1, 50082-1
EN: 61010-1,
EN: 61010-02-031



Size(HxWxD): 150mm x 58mm x 35mm
Weight: 205g
Accessories:
Test leads, 9V battery and clamshell



Model CP-1000

Model CP-12



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



The CP-12/1000 are compatible with any Test Tool, Power Harmonics Analyzer, Oscilloscope, Multimeter, or other voltage measurement device.

- CP-12 AC Clamp-on Adaptor provides non-invasive Current measurements to 10A with resolution to 10mA for AC Current.
- CP-1000 is an AC/DC Clamp-on Adaptor.

Specifications						
Function	Range	Output	Sensitivity	Basic Accuracy	CP-12	CP-1000
Current ACA/DCA	10A	1mV/100mA	0.1A/mV DC	±(3.0%+0.06A)	AC	
	100A	1mV/A	1A/mV DC	±(3.5%+0.03A)	AC	
	600A	0.1mV/A	10A/mV DC	±(3.0%+0.03A)		AC/DC
	1000A	0.1mV/A	10A/mV DC	±(3.0%+0.03A)	AC	AC/DC
Clamp jaw opening: 1.2" (30mm)						

Size(HxWxD): 229mm x 80mm x 49mm
Weight: 303g

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

CP-09 Smaller sized , convenient-to-use AC current clamp-on Adaptor

CP-09 is the ideal tool to extend the current ranges for all Multimeters. The CP-09 is a 200A AC current clamp-on Adaptor with voltage output via a standard banana inputs to be connected to multimeters.

Specifications				
Function	Range	Output	Sensitivity	Basic Accuracy
Current AC	200A	1mV/A	1A/mV AC	±2%
0.7" (18mm) Clamp jaw opening				

Size(HxWxD): 80mm x 66mm x 31mm
Weight: 80g

Accessories:
Test leads and clamshell



Model CP-09

CP-10/11 High Resolution Mini AC/DC Clamp-on Adaptors

The CP-10/11 are compatible with any Test Tool, Power Harmonics Analyzer, Oscilloscope, Multimeter, or other voltage measurement device.

- 0.5" (12.5mm) Clamp jaw opening (CP-10)
- 0.9" (23mm) Clamp jaw opening (CP-11)

Specifications						
Function	Range	Output	Sensitivity	Basic Accuracy	CP-10	CP-11
Current AC/DC	2A	100mV/A	0.01A/mV AC/DC	±3.5%	*	
	80A	10mV/A	1A/mV AC/DC	±3.5%	*	
	40A	10mV/A	0.1A/mV AC/DC	±3.5%		*
	400A	1mV/A	1A/mV AC/DC	±3.5%		*

Size(HxWxD): 190mm x 70mm x 40mm
Weight: 200g

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



Model CP-10

Model CP-11

Multifunction Installation Tester

6650/6651/6652 rugged Multifunction Installation Tester with 3.5" TFT color LCD display, provides insulation resistance, earth resistance, loop impedance, voltage, RCD, PFG and PSC testing. It is designed with software system and ensure the safety of electrical installations in domestic, commercial and industrial applications. 6650 series can ensure the fixed wiring is safe and correctly installed. It's fast sampling and dual display, clear symbols and exceptionally wide viewing angle are for easy and safe readings.



Test probe with test button design



Safety design with sliding shield plate to avoid the electric shock



Combined reading on the images

Features

	6650	6651	6652
Camera function with Wireless Image Transmitter (650T)		*	
3-Phase quality power analyzer			*
3.5" TFT color LCD display with 320x240 pixels	*	*	*
Fast high current loop test	*	*	*
Variable RCD current mode for customized settings	*	*	*
PASS/FAIL indication for RCD tests	*	*	*
Select voltage measurement between L-N, L-PE and N-PE	*	*	*
Support SD memory and USB and Bluetooth interface	*	*	*
Internal Memory	*	*	*
Safe Earth Volt Touchpad detects raised earth voltages >50 V, indicating potential dangerous situations.	*	*	*
Slim probes designed with test button	*	*	*
For easy, always reliable and accurate compensation of test leads and mains cords.	*	*	*



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



Model 650T
Wireless Image Transmitter (Option)



Model 6651



Model 6650



Model 6652



Size(HxWxD): 220mm x 96.5mm x 60.5mm
Weight: 631g
Accessories:
Test leads, 8 x 1.5V "AAA" batteries, USB cable and Software, gift box with carrying case.

Specifications (6650/6651/6652)

Insulation	Terminal Voltage	Range	Max Resolution	Accuracy	Test Current	Short circuit current
125V (0% ~ -10)	0.125-4000M Ω	0.001M Ω	=(2%+8)	1mA@load 125k Ω	≤1mA	
250V (0% ~ -10)	0.250-4000M Ω	0.001M Ω	=(2%+8)	1mA@load 250k Ω	≤1mA	
500V (0% ~ -10)	0.500-4000M Ω	0.001M Ω	=(2%+8)	1mA@load 500k Ω	≤1mA	
1000V (0% ~ -10)	1.000-4000M Ω	0.001M Ω	=(3%+8)	1mA@load 1M Ω	≤1mA	
Low OHM	Range	Resolution	Accuracy	Max.open Circuit Voltage	Overload Protection	
4.000Ω	0.001Ω	=(1.2%+8)	5.8V	250Vrms		
40.00Ω	0.01Ω	=(1.2%+3)				
400.0Ω	0.1Ω					
Continuity Beeper	Range	Resolution	Operation Resistance	Max.open Circuit Voltage	Overload Protection	
Continuity	0.01Ω	Resistance ≤35Ω	5.8V	250Vrms		
Short circuit current	≥200mA					
LOOP Resistance	L-PE (Hi-Amp)	Range (Ω)	Max. Resolution (Ω)	Accuracy		
0.00-999	0.01	±(4% of reading + 6 digits)				
L-PE(No Trip): Measuring Current:15mA / Range of the Voltage Used:195V a.c.~260V a.c.(50,60Hz)						
Range (Ω)	Resolution (Ω)	Accuracy				
0.00-999	0.01	+(5% of reading+6 digits)				
L-N: Measuring Current:2.0A / Range of the Voltage Used:195V a.c.~260V a.c.(56,60Hz)						
Range (Ω)	Max. Resolution (Ω)	Accuracy				
0.00-999	0.01	±(4% of reading+4 digits)				
RCD Testing	Test current	Accuracy				
x1/2, x1, x2, x5	1.5% ~ -9%					
Voltage and Frequency	Measurement Range (V)/ AC-DC	Resolution	Accuracy			
50-500V(45-400Hz)	1V	±(1% of reading+2 digits)				
3-Phase quality power analyzer (6652)	Power (P, S, Q)	0.00 W (VA, Var) + 99.9 kW (kVA, kVar)				
Power factor	-1.00 ÷ 1.00					
Voltage harmonics	0.1 V + 500 V					
Voltage THD	0.1 % + 99.9 %					
Current harmonics and Current THD	0.00 A + 199.9 A					

Insulation Tester with True RMS Multimeter



The Insulation Multimeter combines a digital insulation tester with a full-featured, True RMS digital multimeter in a single, compact and handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance.

Features

	9985	9985RF	9986
Save both time and money with Automatic calculation of Polarization Index and Dielectric Absorption Ratio			*
200 mA Continuity			*
Compare function (pass/fail) for fast repetitive tests			*
Insulation test voltages 125V, 250V, 500V, 1000V	*	*	*
Insulation test: 0.001MΩ to 4000MΩ	*	*	*
Auto discharge of capacitive voltage	*	*	*
Insulation test smoothing reading	*	*	*
Min/Max function	*	*	*
K-type thermocouple	*	*	*
Rugged, utility hard case	*	*	*
Auto power off to save battery power	*	*	*
True-RMS	*	*	*
Large LCD display with backlight	*	*	*
CAT III 1000V, CAT IV 600V measurement category	*	*	*
IP67 Waterproof and Auto Power Off	*	*	*
Wireless USB interface		*	*

Specifications (9985/9985RF/9986)

Multimeter

Function	Max Range	Resolution	Basic Accuracy
DC Voltage	1000V	0.1V	±(0.06% reading + 4digits)
AC Voltage	1000V	0.1V	±(1.0% reading + 30 digits)
DC Current	10A	0.001A	±(1.0% reading + 3 digits)
AC Current	10A	0.001A	±(1.5% reading + 30digits)
Resistance	40MΩ	0.0001MΩ	±(0.3% reading + 4 digits)
Frequency	40MHz	0.01MHz	±(0.1% reading + 1 digits)
Duty Cycle	0.1 to 99.90%	0.01%	±(1.2% reading + 2 digits)
Temperature	-50 to 1200°C	0.1°C	±(1.0% reading + 2.5°C)
	-58 to 2192°F	0.1°F	±(1.0% reading + 4.5°F)
4-20mA%	-25 to 125%	0.01%	±50 digits

Insulation

Terminal Voltage	Range	Resolution	Accuracy	Test Current	Short circuit current
125V(0% ~10%)	0.125~4.000MΩ	0.001MΩ	±(2%+10)	1mA @load125kΩ	<1mA
	4.001~40.00MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0MΩ	0.1MΩ	±(4%+5)		
	400.1~4000MΩ	1MΩ	±(5%+5)		
250V(0% ~10%)	0.250~4.000MΩ	0.001MΩ	±(2%+10)	1mA @load250kΩ	<1mA
	4.001~40.00MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0MΩ	0.1MΩ	±(3%+5)		
	400.1~4000MΩ	1MΩ	±(4%+5)		
500V(0% ~10%)	0.500~4.000MΩ	0.001MΩ	±(2%+10)	1mA @load1500kΩ	<1mA
	4.001~40.00MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0MΩ	0.1MΩ	±(2%+5)		
	400.1~4000MΩ	1MΩ	±(4%+5)		
1000V(0% ~0%)	1.000~4.000MΩ	0.001MΩ	±(3%+10)	1mA @load1MΩ	<1mA
	4.001~40.00MΩ	0.01MΩ	±(2%+10)		
	40.01~400.0MΩ	0.1MΩ	±(2%+5)		
	400.1~4000MΩ	1MΩ	±(4%+5)		

Size(HxWxD): 220mm x 96.5mm x 60.5mm
Weight: 631g

Accessories:

Test leads, 6x1.5V“AAA” batteries, Type K temperature probe, USB cable and Software(9985RF/9986), gift box with carrying case.



Model 9985RF



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



- Double molded plastic housing
- CAT III 1000V

Large dual LCD display with bargraph



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



Model 5505

When doing power installation, 5505 can provide some special help. When doing insulation test, it can provide 125V, 250V, 500V and 1000V source for the test and under each range it can supply more 1mA current to test the capacitance load. With the auto-range function, it can measure up to 4000 MegaOhm with the resolution of 1Kohm. These characteristics are also specified in the safety regulations in CE document.

- Auto-discharge of capacitive voltage for added user protection
- Live circuit detection prevents insulation test if voltage >30V is detected for added user protection
- Min/Max recording & Data Hold
- 1mA test current for MegOhm range at rated voltage
- 200mA short current for continuity range
- Additional test voltages 125V, 250V, 500V, 1000V

Features

- Meets IEC10101, CATIII 1000V
- Large dual display with analog bargraph & backlight
- Test hold & lock function for easy operation
- Easy to carry testing package
- Over range Indication
- Low Battery Indication
- Includes 6 AA batteries, test leads and plastic carrying case

Specifications

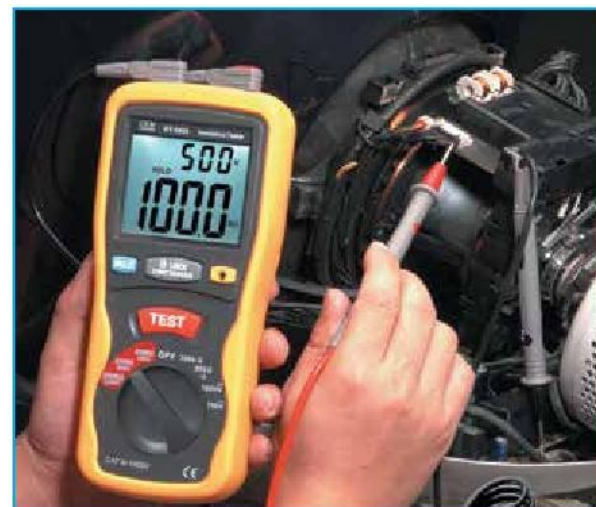
	Range	Max Resolution	Basic accuracy
Voltage AC	750V	1V	±1.2%rdg ±10dpts
Voltage DC	1000V	1V	±0.8%rdg ±3dpts
Resistance	40Ω, 400Ω	0.01Ω, 0.1Ω	±1.5%rdg ±6dpts
Insulation Resistance	4M, 40M, 400M, 4000MΩ	1kΩ~1MΩ	±2.0%rdg ±6dpts
Test Voltage & Current	125V/250V/500V/1000V & 1mA nominal		
Continuity Test	Active Sound Level: <40Ω, Test current <200mA		
Operating Temp	0°C~40°C(<80%R.H.)		
Storage Temp	-10°C~60°C(<70%R.H.)		
Power Source	1.5V "AA" size Battery x 6		



Accessories:

Test leads, "AA" Battery x 6 and gift box with carrying case.

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g



- 1mA test current for MegOhm range at rated voltage
- 200mA short current for continuity range

Features

	5500	5520	5530
Meets IEC10101, CATIII 1000V	*	*	*
Large dual display with backlight	*	*	*
Test hold function for easy operation	*	*	*
Easy to carry testing package	*	*	*
Over range Indication	*	*	*
Low Battery Indication	*	*	*
Measurement range(Ω)	200M/2000M	20M/200M/2000M	20M/200M/2000M

Specifications

	Range	Max Resolution	Accuracy
Voltage AC	750V	1V	±1.2%rdg ±10dpts
Voltage DC	1000V	1V	±0.8%rdg ±3dpts
Resistance	200Ω, 2000Ω	0.1Ω, 1Ω	±1%rdg ±2dpts
Insulation Resistance	200MΩ, 2000MΩ	100kΩ~1MΩ	±3.5%rdg ±5dpts
	20MΩ(5520 only)	10kΩ	±3.5%rdg ±5dpts
Test Voltage	250V-200MΩ/500V-200MΩ/1000V-2000MΩ, (500V-20MΩ only 5520)		
Continuity Test	Active Sound Level: ≤40Ω, Test current ≤200mA		
Operating Temp	0°C~40°C(<80%R.H.)		
Storage Temp	-10°C~60°C(<70%R.H.)		
Power Source	1.5V "AA" size Battery x 6		

DT-5503 Analogue Insulation Tester

The 5503 is a highly compact and easy to use Insulation and Continuity Tester. The instrument offers three insulation test ranges: 250V, 500V and 1000V, a 3Ω continuity range and a 500Ω resistance range. This meter is not only equipped with a "Live Circuit Warning" but also displays the actual AC voltage measurements of the mains supply.

Specifications

DC Test Voltage	250V 500V 1000V
Measuring Ranges (Mid-Scale Value)	0-100MΩ(1MΩ); 0-200MΩ(2MΩ); 0-400MΩ(4MΩ)
Rated Current	1mA DC±20%, -0%
Output short Circuit Current	1.3mA DC approx
Accuracy Guaranteed Ranges	0.05-10MΩ +5%; 0.1-20 Ω +5%; 0.2-40MΩ +5%;
Accuracy	+7% of Scale length at ranges other than above ranges

Continuity Test Ranges

Accuracy	±1.5% of Scale Length
Open Circuit Voltage Output	4.1VDC (Approx)
Short Circuit Current Output	210mA Min

AC Voltage Warning

AC Voltage Range	0-600V AC for 30 seconds
Accuracy	±5% of Scale Length
Input Impedance	1.2MΩ

General

Withstand Voltage	7400V AC 50Hz or 60Hz for one minute between electrical circuits and housing case
Safety Standards	IEC 61010-1 CAT III



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



- Double molded plastic housing
- CAT III 1000V



Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g



Model 5500

Accessories:

Test leads, "AA" Battery x 6 and gift box with carrying case.



Model 5503

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 546g

Accessories:

Test leads, "AA" Battery x 6 and gift box with carrying case.



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

- Double molded plastic housing
- CAT III 1000V



Model 5300B



Electronic Digital Earth Resistance Tester is direct replacement of the conventional hand generator type tester. It is designed for measurement of the resistance of earthing used in the electrical equipment as well as for measurement of ground resistivity. It can be used for measurements of the other low regular and liquid resistances. It can also be used for measurement of voltage AC, voltage DC and resistance.

This instrument has wide application for testing earthing installation in power based industries, telecommunication networks and electrical traction systems etc.

Features

- Meets IEC10101, CATIII 1000V
- Large dual display with backlight & Low Battery Indication
- Test hold function for easy operation
- Zero Automatic adjustment
- Sampling Rate: 2.5 times per second
- Includes 6 "AA" batteries, test leads and carrying case

Specifications

	Range	Max Resolution	Accuracy
Earth resistance	10Ω	0.01Ω	±2%rdg ±0.1Ω
	100Ω	0.1Ω	±2%rdg ±3dpts
	1000Ω	1Ω	±2%rdg ±3dpts
Voltage AC	750V	1V	±1.2%rdg ±10dpts
Voltage DC	1000V	1V	±0.8%rdg ±3dpts
Resistance	200kΩ	0.1kΩ	±1.0%rdg ±2dpts
Continuity Test	Active Sound Level: ≤40Ω, Test current ≤200mA		
Operating Temp	0°C-40°C(<80%R.H.)		
Storage Temp	-10°C-60°C(<70%R.H.)		
Power Source	1.5V "AA" battery x 6		

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g

Accessories:
Test leads and "AA" Battery x 6, Rubber holster, 4-wire cable and iron rod x 2, gift box with carrying case.

**DT-5301
LOOP/PSC Tester**

Custom microprocessor controlled for highest accuracy and reliability

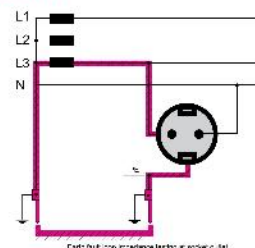
- 3 LEDs for checking correct wiring status
- 15mA LOOP measurement: LOOP impedance 2000Ω range measurement is carried out with low test current(15mA)
- Direct reading of Prospective Short Circuit Current(PSC)
- Safe voltage measurement function
- Large custom digital display readout on all models
- Measure low loop resistance(resolution of 0.01Ω)
- Automatic lock-out if test resistor overheats
- Visual indication of reversed phase and neutral wiring at socket

Specifications		
	Max Resolution	Accuracy
Loop Impedance	20/200/2000Ω	±2.5% rdg ±4dpts
AC Test Current	20Ω 25A; 200Ω 2.3A; 2000Ω 15mA	±2%rdg ±5dpts
AC Test Period	20Ω 20ms; 200Ω 40ms; 2000Ω 280ms	±2%rdg ±5dpts
PSC	200A (2.3A 40ms); 2000A(25A 20ms); 20KA (25A 20ms)	Consider accuracy impedance
Voltage	50V ~ 250V	±2%rdg ±5dpts
Resistance	0.1kΩ	±1.0%rdg ±2dpts
Operating Voltage	230V 10% - 15% (195V ~ 253V) 50Hz	
Safety Standard	IEC61010-1 CATIII 600V	

- Double molded plastic housing
- CAT III 600V



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



Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g

Accessories:
Test leads and "AA" Battery x 6, gift box with carrying case.



Model 5301



- Double molded plastic housing
- CAT III 1000V



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

Model 5554



Custom microprocessor controlled for highest accuracy and reliability

- Safe voltage measurement function
- Large custom digital display readout on all models
- Visual indication of reversed phase and neutral wiring at socket

Specifications

Measurement specifications	Ranges	resolution	accuracy
Nominal test current	10/30/100/500mA/1A		(-2%+10%)±6Digits
Current selection	0.5x, 1x, 2x, 5x nominal current		
Trip time	10-2000 ms at 0.5x	1 ms	±(2%rdg. ± 2Digits)
	10-500 ms at 1x		
	10-150 ms at 2x		
	10-40 ms at 5x		
Ramp test	0.4x to 1.4 times nominal rated current		10%
Mains voltage	230(+10%/-10%)V	1V	±(2%rdg. ± 2Digits)

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g

Accessories:
Test leads and "AA" Battery x 6, gift box with carrying case.

DT-5302 DMM with Kelvin(4-wire) small resistance measurement

- Four terminal Kelvin measurement
- 4000 counts 3 3/4 digital LCD display with backlight
- High resolution to 0.1mΩ with test current to 200mA
- Low battery indication
- Over load protection on all ranges

- Double molded plastic housing
- CAT III 1000V

Features

- High accuracy, high resolution portable Milliohm Meter or field use
- Digital display 4000 counts
- Safety design
- Relative zero & Data Hold
- MAX/MIN recording mode
- Auto Power Off
- 400mΩ Low Resistance & Wide 40mF capacitance range
- Diode Check & Continuity Test

Specifications

Function	Max. Range	Basic Accuracy
Low Resistance	400mΩ, 4Ω, 40Ω	±(1.0% ±5d)
Voltage DC	1000 V	±(1.0% ±2d)
Voltage AC	1000V	±(1.2% ±5d)
Current DC	400mA	±(1.0% ±2d)
Current AC	400mA	±(1.2% ±5d)
Resistance	40MΩ	±(1.0% ±5d)
Capacitance	40mF	±(3.0% ±10d)

Size(HxWxD): 200mm x 92mm x 50mm
Weight: 582g

Accessories:
Rubber holster, 4-wire cable and 6x1.5V "AA" battery, test leads, gift box with carrying case.



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



Model 5302



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



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



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

Professional Industrial Digital Multimeters
Double molded
Accurate measurement
CAT IV 600V
CAT III 1000V



Model 988 (P83)



Model 3381 (P119)

AC/DC clamp meter
True RMS current measurement
Double molded housing
CAT IV 600V, CAT III 1000V

Model 961 (P97)



Model 218 (P103)



Model 9989 (P75)



Model 9382 (P117)



Model 6605 (P153)



Model 6650 (P145)

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



Worldwide Patent:
PCT/CN2012/082191

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 features.

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

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



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.



10MHz Oscilloscope Function



Fast response time



High Resolution & Accuracy



Multifunction Selectable



Trend Capture function



Help Menu



- 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

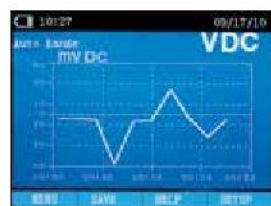
Function	Maximum	Max. resolution	Accuracy
Voltage DC	1000V	1µV	±(0.025% + 5)
Voltage AC	1000V	1µV	±(0.4% + 40)
Current DC	10A	0.01µA	±(0.15% + 2)
Current AC	10A	0.01µA	±(0.6% + 5)
Temperature	-200°C to 1350°C	0.1°C	±(1.0% + 2.5°C)
Resistance	50MΩ	0.01Ω	±(0.05% + 2)
Capacitance	10mF	0.001nF	±(1.0% + 5)
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.



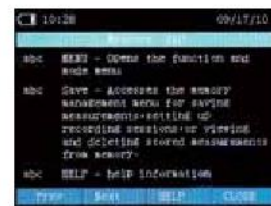
Fast response time



Trend Capture function



High Resolution & Accuracy



Help Menu



- IP67 dust and water proof
- True RMS

- Full Graphics LCD display
- 50000 counts
- PC Calibration

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



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

Specifications

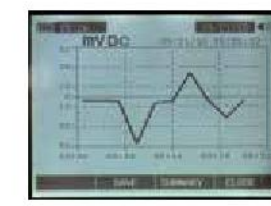
Function	Maximum	Max. resolution	Accuracy
Voltage DC	1000V	1µV	±(0.025% + 5)
Voltage AC	1000V	1µV	±(0.4% + 40)
Current DC	10A	0.01µA	±(0.15% + 2)
Current AC	10A	0.01µA	±(0.6% + 5)
Temperature	-200°C to 1350°C	0.1°C	±(1.0% + 2.5°C)
Resistance	50MΩ	0.01Ω	±(0.05% + 2)
Capacitance	10mF	0.001mF	±(1.0% + 5)
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.



Model 9979



Trend Capture function



Fast Response time



Real-time data Recording



Multifunction selectable



Model 9978



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



- 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



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

		9970	9971	9978
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)	±(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 Alarm		*	*	*
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 9970



Model 9971



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 CATTV 600V/CATIII 1000V.



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



- IP67 dust and water proof
- True RMS

- Bluetooth interface
- 50000 counts
- PC Calibration



Model 9972



Model 9973



Model 9974

Specifications

Model		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

		9972	9973	9974
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 Alarm		*	*	*
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

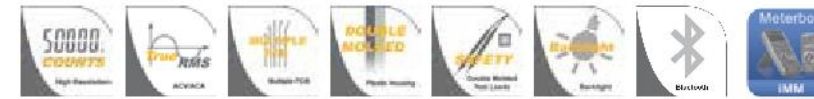
Heavy Duty True RMS Industrial Multimeter with TFT color LCD display

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 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 safer measurements with double molded plastic housing design.

• True RMS

- TFT color LCD display
- 50000 counts
- PC Calibration



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.



Model 989

Fast response time



High Resolution & Accuracy



Trend Capture function



Help Menu



• True RMS

- TFT color LCD display
- 6000 counts
- PC Calibration

The 988 Heavy duty True RMS Industrial Digital Multimeters 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 safe 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

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.



Model 988

EMC & LVD

EN: 61326

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



Fast response time

High Resolution & Accuracy

Help Menu



• True RMS

• 6000 counts

The 985/987 Heavy duty True RMS Industrial Digital Multimeters with providing fast A/D converting sampling time, high accuracy. 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. It is much more safe 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 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



Model 985

Features

- Fast respond time & PC calibration
- IP67 dust and water proof
- Bluetooth interface
- CATIII 1000V/CATIV 600V



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



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 backlight 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



- Bluetooth interface
- 50000 counts
- PC Calibration

- IP67 dust and water proof
- True RMS

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 display	6000 counts LCD display	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	*	*	*	*

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



Model 971



Model 972



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



Model 973

Meterbox

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.



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

Meterbox

iMM

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 CATTV 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

- Bluetooth interface (9959)
- 50000 counts
- PC Calibration

- IP67 dust and water proof
- True RMS



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 9959



Model 9929/9939



Model 9949



Model 9919





IP67 dust and water proof

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



Model 9918



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



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.

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

	9926	9927	9927T	9928	9928T	9938
Digital display counts	6000	6000	6000	11,000	11,000	22,000
Max.Resolution	0.1mV/0.1µA/0.1Ω			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		

Size(HxWxD): 182mm x 82mm x 55mm
Weight: 360g

Accessories:

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



Model 9927/9927T



Model 9926



Model 9928/9928T



Model 9938

Heavy Duty Industrial Digital Multimeters

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

EN 61010-1
CAT III
1000V

EN 61010-1
CAT IV
600V

Features

- IP67 dust and water proof
- Heavy duty & compact size
- CAT IV 600V/ CAT III 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 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/CAT III 1000V.



Specifications		Best Accuracy					
Model	Range	9660	9660B	9661	9662	9663	9664
DC Voltage (V)	600mV/6V/60V/600V/1000V				-(0.5%+1)	+(0.5%+1)	
	400mV/4V/40V/400V/1000V	±(0.5% 1)	±(0.5% 1)	±(0.5% 1)			±(0.1% 2)
AC Voltage (V)	600mV/6V/60V/600V/1000V				-(1.0%+3)	+(1.0%+3)	
	400mV/4V/40V/400V/1000V	±(1% 3)	±(1% 3)	±(1% 3)			±(0.8% 10)
DC Current (A)	600µA/6000µA/60mA/600mA/6A/10A				-(1.0%+3)	+(1.0%+3)	
	400µA/4000µA/40mA/400mA/10A	±(1% 2)	±(1% 2)	±(1% 2)			±(0.5% 10)
AC Current (A)	600µA/6000µA/60mA/600mA/6A/10A				-(1.2%+3)	+(1.2%+3)	
	400µA/4000µA/40mA/400mA/10A	±(1.2% 5)	±(1.2% 5)	±(1.2% 5)			±(0.8% 3)
Resistance (Ω)	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ				-(1.2%+5)	+(1.2%+5)	
	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(1% 2)	±(1% 2)	±(1% 2)			±(0.8% 10)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF				-(3.0%+5)	+(3.0%+5)	
	40nF/400nF/4µF/40µF/400µF/4mF/40mF	±(3% 5)	±(3% 5)	±(3% 5)			±(3.0% 10)
Frequency (Hz)	10Hz-10MHz	+(0.1%-4)	+(0.1%-4)	+(0.1%+4)	-(0.1%+5)	+(0.1%+5)	+(0.01%+5)
Temperature (°C)	-40°C-1000°C		±(1.2% 3)	±(1.2% 3)		±(1.2% 3)	±(1.0% 3)
Temperature (°F)	+40°F-1832°F		+(1.2%-4)	+(1.2%+4)		+(2.0%+4)	+(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	≤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 software to check, transfer or edit the data with table and chart. They can also has 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.



Worldwide Patent:
PCT/CN2012/082191



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



- PC Calibration
- 50,000 counts

- IP67 dust and water proof
- True RMS

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

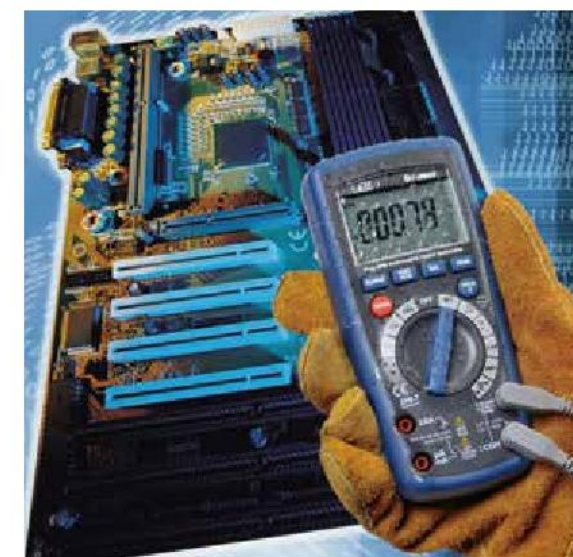
Weight: 360g

Accessories:

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



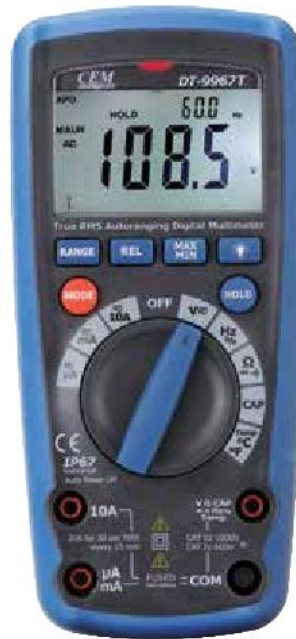
Model 9969





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

Model 9967T



Model 9967



True RMS (9967T)

IP67 dust and water proof



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 gill box.



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



IP67 dust and water proof

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	1000uF
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	100μT/40mF	+3.0%	100μF	100μF	40mF	1000μF
Temperature	760°C/1400°F	+3.0%	*	*	*	*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

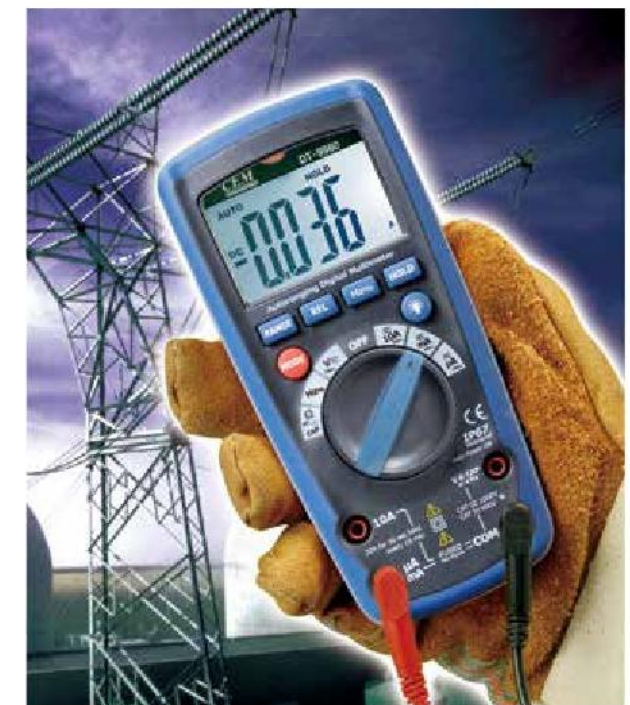
Size(HxWxD): 170mm x 79mm x 50mm
Weight: 366g

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

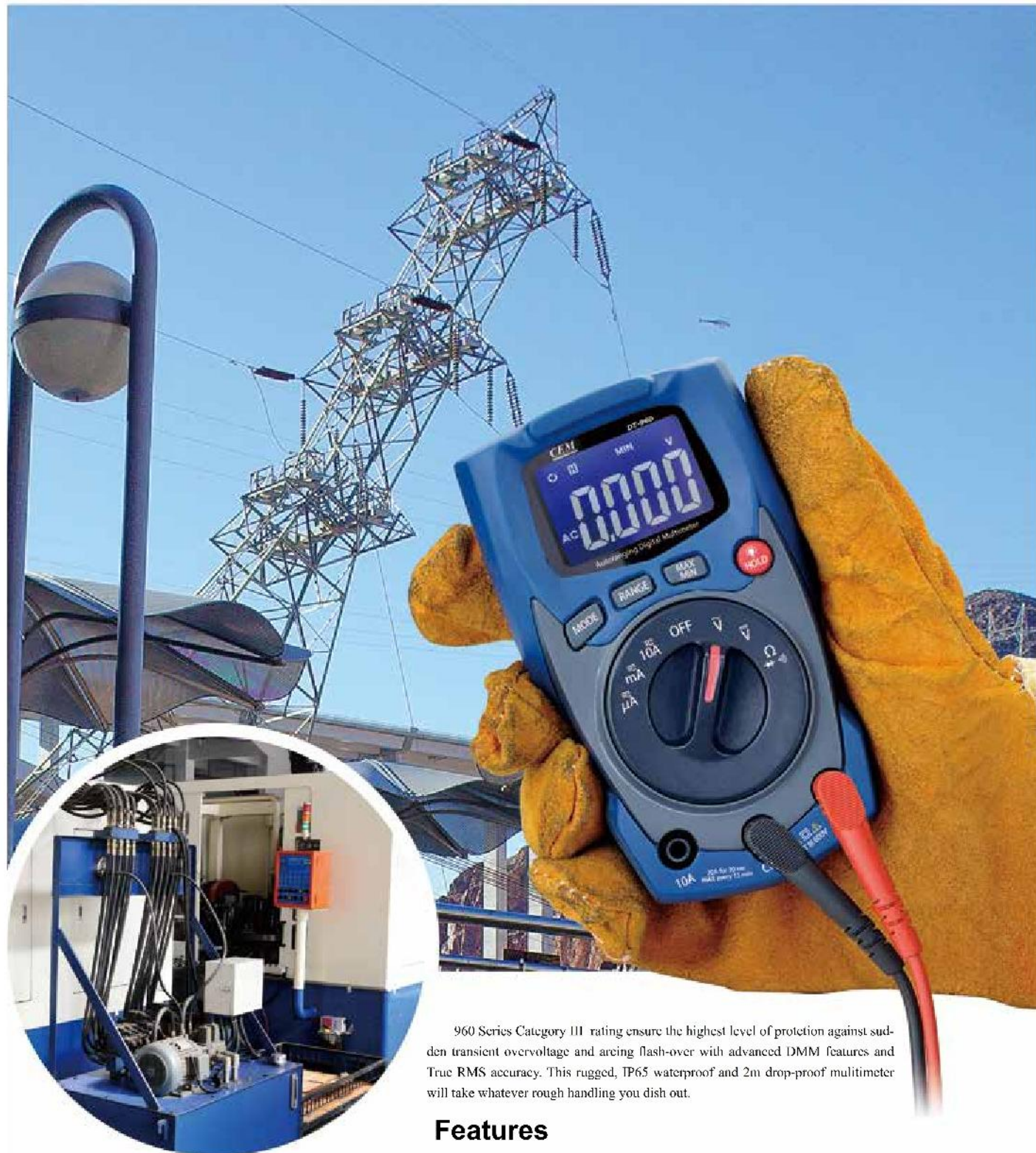
Model 9960



Model 9961W



True RMS Compact Digital Multimeters



960 Series Category III 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, IP65 waterproof and 2m drop-proof multimeter will take whatever rough handling you dish out.

Features

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



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



960/961/962/963/964 Series are True RMS compact digital multimeters with double molded plastic housing and oversized 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)

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



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



Model 960



Model 961



Model 962

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.



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.

0.5% basic DCV accuracy



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

- Double molded plastic housing
- 1000V input protection on all ranges



Model 940



Model 941

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	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.



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

- Double molded plastic housing
- Built-in Non-Contact AC Voltage Detector (931N/932N)

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



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



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

Specifications	Max Range	Basic Accuracy	930	931/931N	932/932N
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	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 (931/931N/932/932N) and gift box with carrying case.



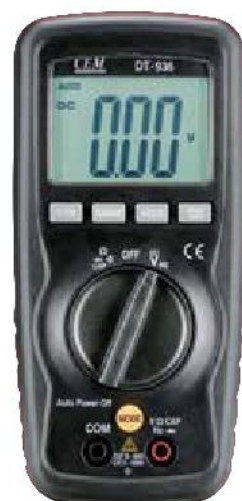
Model 932



Model 931



DT-936 Smart Digital Multimeter with Automatic Selection



Model 936

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.

Size(HxWxD): 150mm x 70mm x 48mm
Weight: 255g

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

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	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%



Model 920



920/920L/921/922/920N/921N Series are compact multimeters with double molded plastic housing and over sized high contrast 2000/4000 counts LCD display. They're all CAT III rated for 600V and have auto-ranging function and provide 0.5% basic DCV accuracy.

• 0.5% basic DC accuracy

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



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



Safety Conformance

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



Model 920N



Model 922

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

Specifications	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.



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

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

Safety Conformance

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



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



Model 912B



Model 912N



Model 916N

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	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.

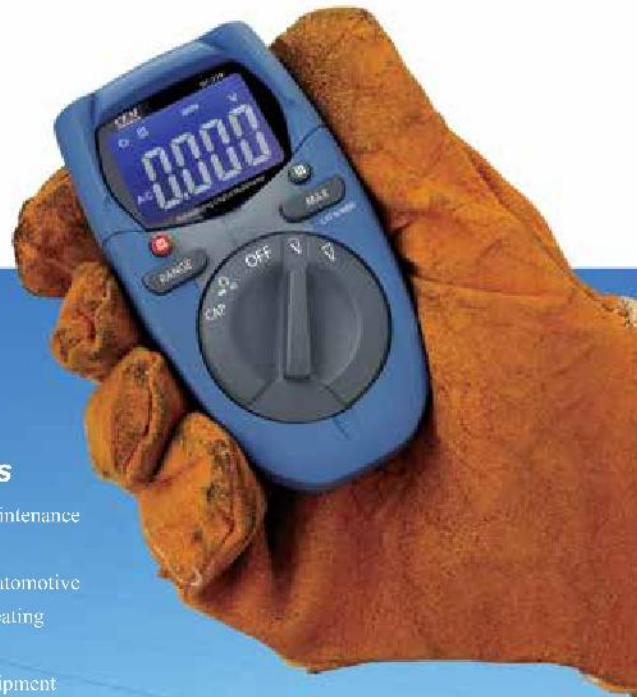
CATIV 600V Pocket MultiMeter with NCV Tester

216/218/219 Series CATIV Pocket 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

The three pocket models 216, 218 and 219 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. 219 can measure 100A AC/DC current with 0.39" opening jaw .

Safety Conformance

- EN61010-1 CATIV 600V
- 200mA fused protection (219 only)



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



Model 218

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

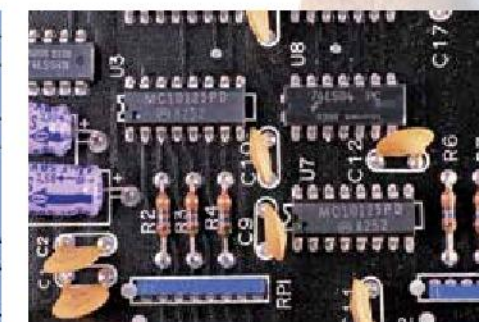
Accessories:

Test leads, two "AAA" batteries and clamshell.

- 0.39" (10mm) Jaw opening
- 100A AC/DC Current measurement



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.

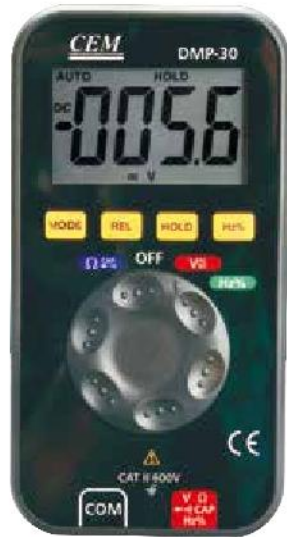
30/32: 4000 counts, 10 functions including DCV, ACV, DCA, ACA Resistance, Capacitance, Frequency, Duty Cycle, Continuity, diode test with Data Hold and Relative functions.

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		*	*	*	*

• 200mA resettable fuse protection (32/33)



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

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



Model 16



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



• 200mA resettable fuse protection (10/16)

10: 4000 counts, 8 functions including DCV, ACV, DCA, ACA, Resistance, Continuity, Diode test with Data Hold, Low impedance and non-contact ACV detection.

16/16A: 6000 counts with Min/Max, Data hold and non-contact ACV detection.

- Non-Contact Voltage detection identifies live circuits
- Large high contrast 4000 counts LCD display with Analog bargraph (10)
- Large high contrast 6000 counts LCD display with Analog bargraph (16/16A)
- Auto Power off
- Relative, and Data Hold
- Built-in storage compartment for integrated test leads
- Over-range and low battery indication

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.

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)	*	*	*
Current AC	400mA	±(2.5%±5d)	*	*	*

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

Weight: 90g

• Double molded housing

Model 103B



Model 103



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



Model 107



Model 111



Model 112



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



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



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

Model 3280B



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 CAT III 600V.

Safety Conformance

- EN61010-1 CAT III 600V, CAT II 1000V
- Full ranges protection

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%



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



Model 3260

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

Weight: 200g

Accessories:

Clamshell and button battery



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 CAT III 1000V
- 200mA fused protection (118/118B)



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

- Non-Contact Voltage Detection
- Flashlight

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	100uF	±(3.0%±5d)			*	
Frequency	100kHz	±(0.8%±5d)			*	
NCV (VAC: 100V-600V)			*	*	*	*
Diode Check			*	*	*	*
Continuity Test			*	*	*	*

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

Weight: 145g

Accessories:

Test leads, two "AAA" batteries and clamshell.

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 CAT III 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/60k/600k/6M/60M	±1.0%
Capacitance (F)	6n/60n/600n/6μ/60μ/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

Weight: 76g

Accessories:

Two LR44(1.5V) button batteries and clamshell



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



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



EMC
EN: 61326



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

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.

- Adjustable 0-24mA current source.
- Adjustable -199.9mV to +199.9mV DCA source.
- Current calibrator drives loads up to 500 ohms.
- The instrument measures a two-wire current loop.

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)

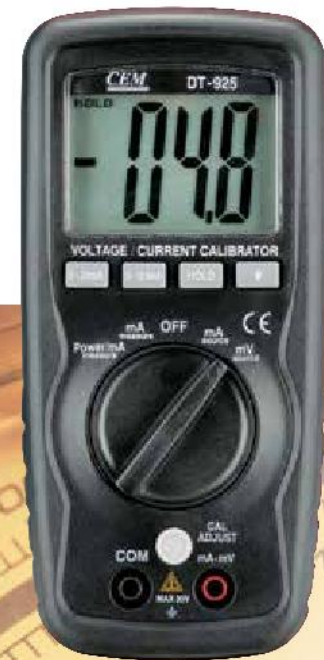
Specifications (measurement)

Range	Resolution	Accuracy
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.



9930 is new 11,000 Counts LCR Meter
9931 is new 11,000 Counts digital multimeter with LCR function

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	110.00uF	1pF	±3.0% of rdg ±30 digits
Inductance	201H	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

- 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



Model 9930



Model 9935

Double molded plastic housing



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.



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



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



Model 991



Model 204

Specifications

Function	Max. Range	Basic Accuracy	991/200	992/201	993/202	202T	204	204T
Voltage DC	600V	±(0.8%+2d)	*	*	*	*	*	*
Voltage AC	600V	±(1.2%+10d)	*	*	*	*	*	*
Current DC	10A	±(1.2%+2d)	*	*	*	*	*	*
Current AC	10A	±(1.8%+7d)	*	*/-	*	*	*	*
Resistance	2000Ω	±(0.8%+2d)	*	*				
	40MΩ	±(0.8%+2d)			*	*	*	*
Temperature	760°C/1400°F	±(3.0%+3d)		*	*	*	*	*
Duty Cycle	0.1%-99.9%	±(1.2%+2d)		*	*	*	*	*
Frequency	9.999MHz	±(1.5%+4d)		*	*	*	*	*
Capacitance	200uF	±(2.5%+5d)			*	*		
	40mF	±(2.5%+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.



Model 9932FC



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

Specifications

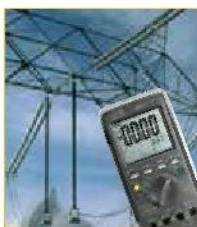
Function	Max Range	Min Resolution	Basic Accuracy
Voltage DC	1000V	0.1mV	±(1.2%+2d)
Voltage AC	750V	0.1mV	±(0.8%+3d)
Current DC	20A	0.1uA	±(1.5%+3d)
Current AC	20A	0.1uA	±(1.8%+5d)
Resistance	40MΩ	0.1Ω	±(1.0%+2d)
Capacitance	100uF	10pF	±(3.5%+5d)
Frequency	9.999MHz	0.001Hz	±(1.2%+3d)
Duty Cycle	99.9%	0.1%	±(1.2%+2d)
Temperature	1000°C/1832°F	0.1°C/°F	±(3%+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.



Double molded

Large LCD display

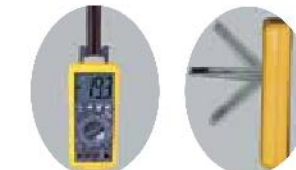
2005B/2008/2009/2006 have double molded plastic housing and oversized high contrast 2000/4000/6000 counts LCD display with backlight.

Safety Conformance

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



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



Specifications

Function	Max Range	Basic Accuracy	2005B	2008	2009	2006
Voltage DC	1000V	±(0.5%+2d)	*	*	*	*
Voltage AC	700V	±(1.0%+3d)	*	*	*	*
Current DC	20A	±(1.5%+3d)	*	*	*	*
Current AC	20A	±(2.0%+3d)	*	*	*	*
Resistance	20MΩ	±(1.2%+2d)	*	*	40MΩ	60MΩ
Capacitance	200uF	±(4.0%+3d)	*	*	100uF	6000uF
Frequency	20kHz	±(1.5%+5d)	*	*	9.999MHz	9.999MHz
Temperature	760°C/1400°F	±(3.0%+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	±0.5%	*	*	*
Voltage AC	700V	±1.2%	*	*	*
Current DC	20A	±2.5%	*	*	*
Current AC	20A	±3.0%	*	*	*
Resistance	20MΩ	±0.8%	*	*	400MΩ
Temperature	760°C/1400°F	±3.0%	*	*	*
Frequency	2000Hz	±1.5%	*	*	4000kHz
Capacitance	200uF	±3.0%	*	*	40uF
Diode Check			*	*	*
Continuity test			*	*	*
Logic test			*	*	*

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

Weight: 360g

Accessories:

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



Model 2005B



Model 2008



Model 9905



Model 9908

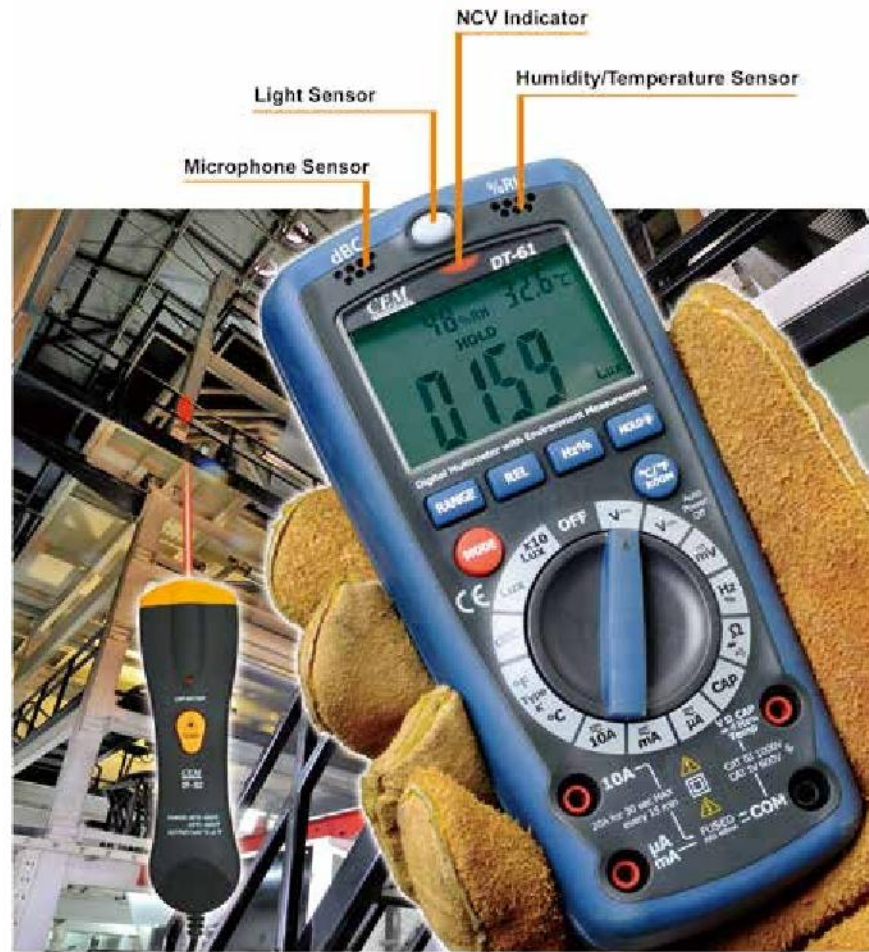


6 in 1 Digital Multimeter with Environment Measurement

- 61 is 6 in 1 multifunction multimeter, including DMM, sound level meter, light meter, humidity meter, temperature meter and Non-contact AC voltage detector
- Safely 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 backlight
- 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.



Model 21



EMC & LVD

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Applications

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

Specifications

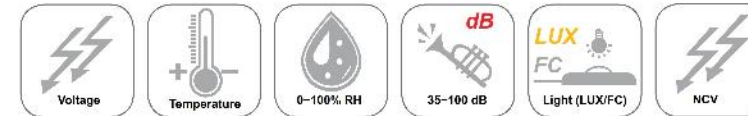
Function	Max Range	Resolution	Basic Accuracy
Light	20,000Lux	0.1Lux	-0.5%+10d
Sound	100dB	0.1dB	-3.5dB
Humidity	95%RH	0.1%RH	-5%RH
Temperature	1300°C	0.1°C	-3%±1d
Voltage DC	600V	0.1mV	-0.5%+2d
Voltage AC	600V	100mV	-1.2%±10d
Current DC	10A	0.1uA	+1.0%+2d
Resistance	2MΩ	0.1Ω	±0.8%±2d

Size(HxWxD): 121mm x 60.6mm x 40mm

Weight: 280g

Accessories :

Rubber holster, 9V battery, Test leads and K-Type temperature probe.



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.



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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
Humidity	95%RH	0.1%RH	±3.5%RH
Temperature	-20 ~ 750 °C	0.1° up to 400°, 1° over 400°	±3%±3°C
	-4 ~ 1400°F	0.1° up to 400°, 1° over 400°	+3%±5°F
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	0.01mF	+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 51



Model 61



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

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.



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

- 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

- IP67 dust and water proof
- True RMS

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



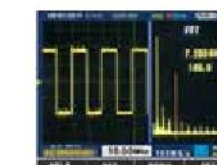
Model 9998

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/15pF		
Max Input Voltage	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

Professional AC, AC/DC True RMS Clamp Meters with TFT color LCD display



CE
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EN: 61010-02-031



The 9380/9381/9382/9383 series clamp meters providing fast A/D converting sampling time, high accuracy, built-in datalogging offer all needed features for measurement. It is with modern bodies and jaws design for perfectly handhold and tight place testing. A large backlit display (on the most of models) is easy to see and a handy Display Hold keeps measurements on the display.

- Double molded plastic housing
- True RMS measurement for ACV & ACA
- Flexible current probe expands the measurement range to 2500 ACA (9383)



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Features

	9380	9381	9382	9383
Current measurement	AC	AC/DC	AC/DC	AC/DC
Display counts	4000	4000		
1.8" TFT color LCD display counts			6000	50000
AC True RMS	*	*	*	*
Low pass filter			*	*
Data Hold & Peak Hold		*	*	*
Max /Min	*	*	*	*
REL (Zero) Function		*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
100ms Inrush current			*	*
1.3" (34mm) Jaw opening	*	*	*	*
Bluetooth interface			*	*
2500A ACA flexible clamp				*
Trend capture function			*	*
Fast response time			20 times/sec.	20 times/sec.

Specifications

Function	Max Range	Basic Accuracy	9380	9381	9382	9383
Voltage DC	1000V	±(0.5%+2d)	*	*	*	*
Voltage AC	1000V	±(1.0%+5d)	*	*	*	*
Current DC	600.0A	±(2.0%+5d)	*	*	*	*
Current AC	600.0A	±(2.5%+8d)	*	*	*	*
Resistance	60MΩ	±(3.0%+5d)	40MΩ	40MΩ	*	50MΩ
Temperature	1000°C/ 1832°F	±(1.0%+3d)	*	*	*	*
Capacitance	10mF	±(2.5%+5d)	4mF	*	*	*
Frequency	1000Hz	±(0.5%+2d)	*	*	*	*
Inrush Current	600.0A	±(1.5%+2d)	*	*	*	*
Continuity check	Buzzer sounds at 30Ω					
Diode test	Test current 0.3mA					

Size(HxWxD): 248mm x 76mm x 40mm

Weight: 315g

Accessories:

Test leads, gift box with carrying case, Temperature probe and Li-ion battery, Software(9382/9383)
Flexible clamp (9383)

- Fast response time
- True RMS

- TFT color LCD display(9382/9383)
- 50000 counts (9383)
- PC Calibration



Model 9382

Model 9381

Model 9383

Flexible clamp
Model CP-20

Professional Heavy Duty AC, AC/DC True RMS Autoranging Clamp Meters with Dual Type K Inputs



Meterbox-iCM Software
for DT-3382/3383 digital clamp meters



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Amazing features and built-in apps.

The Meterbox-iCM software can support our Clamp Meter products 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 can also has powerful cloud functions such as computing and storage service.



The 3380 series clamp meters offer all needed features for measurement, design for perfectly handhold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Dual type K inputs for temperature measuring support more application.

- Double molded plastic housing
- True RMS measurement for ACV & ACA



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- True RMS
- Dual Type K Inputs

Drop-proof to 2M



Features	3380	3381	3382	3383
Current measurement	AC	AC/DC	AC	AC/DC
LCD display counts	50000	50000	50000	50000
AC True RMS	*	*	*	*
Dual type K inputs	*	*	*	*
Display with backlight	*	*	*	*
Data Hold & Peak Hold	*	*	*	*
Max /Min	*	*	*	*
RFL (Zero) Function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
1.9" (48mm) Jaw opening	*	*	*	*
NCV Detection	*	*	*	*
Bluetooth interface	*	*	*	*

Specifications	Function	Max Range	Basic Accuracy	3380	3381	3382	3383
Voltage DC	600V	=(0.1%+4d)	*	*	*	*	
Voltage AC	600V	=(1.0%+3d)	*	*	*	*	
Current DC	1000A	=(2.5%+5d)	*	*	*	*	
Current AC	1000A	=(2.5%+5d)	*	*	*	*	
DC μ A/mA Current	5000.0 μ A/500.00mA	=(1.0%+3d)	*	*	*	*	
AC μ A/mA Current	5000.0 μ A/500.00mA	=(1.5%+30d)	*	*	*	*	
Resistance	50M Ω	=(3.0%+5d)	*	*	*	*	
Temperature	1000°C/ 1832°F	=(1.0%+2.5°C/4.5°F)	*	*	*	*	
Capacitance	5mF	=(3.5%+10d)	*	*	*	*	
Frequency	10MHz	=(0.3%+2d)	*	*	*	*	
Continuity check	Buzzer sounds at 35 Ω		*	*	*	*	
Diode test	Test current 0.3mA		*	*	*	*	

Size(HxWxD): 230mm x 76mm x 40mm
Weight: 315g

Accessories:
Test leads, gift box with carrying case, Temperature probe and 9V battery.
Software(3382/3383)



The 3370B series clamp meters offer all the features you need to fit the way you work. The bodies and jaws fit perfectly in your hand and into tight places. Meter controls are positioned so that current measurements can be done with one hand. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display.



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- Double molded plastic housing
- True RMS measurement for ACV & ACA

Drop-proof to 2M

True RMS



Features	3370B	3371B	3372B	3373
Current measurement	AC	AC/DC	AC/DC	AC/DC
LCD display counts	4000	4000	6000	6000
AC True RMS	*	*	*	*
Display with backlight	*	*	*	*
Data Hold & Peak Hold	*	*	Data Hold	Peak Hold
Max /Min	*	*	*	*
REL (Zero) Function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
Analog Bargraph / 61 seg.	* / 41 seg.	* / 41 seg.	*	*
1.9" (48mm) Jaw opening	*	*	*	*
NCV Detection & flashlight	*	*	*	*
Inrush Current				*

Specifications	Function	Max Range	Basic Accuracy	3370B	3371B	3372B	3373
Voltage DC	1000V	±(0.5%+1d)	600V	600V	*	*	*
Voltage AC	1000V	±(1.5%+2d)	600V	600V	*	*	*
Current DC	1000A	±(2.0%+5d)	*	*	*	*	*
Current AC	1000A	±(2.5%+4d)	*	*	*	*	*
Resistance	60MΩ	±(3.0%+5d)	40M	40M	*	*	*
Temperature	1000°C/ 1832°F	±(3.0%+3d)	*	*	*	*	±(1.0%+3d)
Capacitance	10mF	±(2.5%+5d)	4000uF	4000uF	6mF	6000uF	*
Frequency	10MHz	±(1.2%+2d)	*	10kHz	*	10MHz	*
Inrush Current	1000A	±(1.5%+2d)	*	*	*	*	*
Continuity check	Buzzer sounds at 50Ω						
Diode test	Test current 0.3mA						

Size(HxWxD): 230mm x 76mm x 40mm
Weight: 315g

Accessories:
Test leads, gift box with carrying case, Temperature probe and 9V battery.
Software(3373)



Model 3371B



Model 3372B



The 3385 series clamp meters offer all needed features for measurement, design for perfectly hand-hold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Flexible current probe expands the measurement range to 2500 ACA.

- Double molded plastic housing
- True RMS measurement for ACV & ACA
- Flexible current probe expands the measurement range to 2500 ACA for all models
- Dual type K inputs for temperature measuring support more application.(3387/3388)
- Flexible current probe expands the measurement range to 2500 ACA



Drop-proof to 2M

True RMS

Features	3385	3386	3387	3388
Current measurement	AC	AC/DC	AC	AC/DC
LCD display counts	50000	50000	50000	50000
2500A ACA flexible clamp	*	*	*	*
AC True RMS	*	*	*	*
Dual type K inputs			*	*
Display with backlight	*	*	*	*
Data Hold & Peak Hold	*	*	*	*
Max /Min	*	*	*	*
REL (Zero) Function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
1.9" (48mm) Jaw opening	*	*	*	*
NCV Detection	*	*	*	*
Bluetooth interface			*	*

Specifications	Function	Max Range	Basic Accuracy	3385	3386	3387	3388
Voltage DC	600V	±(0.1%+4d)	*	*	*	*	*
Voltage AC	600V	±(1.0%+3d)	*	*	*	*	*
Current DC	1000A	±(2.5%+5d)	*	*	*	*	*
Current AC	1000A	±(2.5%+5d)	*	*	*	*	*
DC μA/mA Current	5000.0μA/500.00mA	±(1.0%+3d)	*	*	*	*	*
AC μA/mA Current	5000.0μA/500.00mA	±(1.5%+3d)	*	*	*	*	*
Resistance	50MΩ	±(3.0%+5d)	*	*	*	*	*
Temperature	1000°C/ 1832°F	±(1.0%+2.5°C/4.5°F)	*	*	*	*	*
Capacitance	5mF	±(3.5%+10d)	*	*	*	*	*
Frequency	10MHz	±(0.3%+2d)	*	*	*	*	*
ACA flexible clamp	2500A	±(3.5%+10d)	*	*	*	*	*
Continuity check	Buzzer sounds at 35Ω						
Diode test	Test current 0.3mA						

Size(HxWxD): 230mm x 76mm x 40mm
Weight: 315g

Accessories:
Test leads, gift box with carrying case, Temperature probe and 9V battery.
Software(3387/3388)



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Model 3386

Flexible clamp
Model CP-20



Model 3388

Flexible clamp
Model CP-20



Model 3390



Model 3392



1000A True RMS

- Peak Hold Function(3392/3392W/3392BT)
- Inrush Current Measurement(3397)

3391/3392/3395/3397 Series Professional True RMS Clamp Meters provide accurate AC, AC/DC Current and Voltage readings regardless of waveforms. These meters can be used in most industrial and commercial applications where non-linear loads distort the Current or Voltage waveform.



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Features

Features	3390	3391/3391W	3392/3392W/3392BT	3395	3397
True RMS measurements		*	*	*	*
Digital display counts	4000	4000	4000	6000	50000
Electronic overload protection	*	*	*	*	*
Analog Bargraph/scgments			*/41	*/61	*/51
Continuity buzzer & Diode check	*	*	*	*	*
Data Hold function	*	*	*	*	*
Peak Hold function			*	Min./Max.	*
Inrush current measurement					*
DCA Zero function			*	*	*
Auto Power Off	*	*	*	*	*
Low battery indication	*	*	*	*	*
AC/DC Current	AC	AC	*	*	*
2" (52mm) Clamp jaw opening	*	*	*	*	*
NCV Detection	*	*	*	*	*
Bluetooth data transmission			3392BT		
Wireless USB interface		3391W	3392W		

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3390	3391/3391W	3392/3392W/3392BT	3395	3397
AC Current	1000 A	=(2.5%+5d)	10mA	*	*	*	*	*
DC Current	1000 A	=(3.0%+4d)	10mA			*	*	*
AC Voltage	600V	=(0.8%+2d)	0.1mV	*	*	*	*	*
DC Voltage	600V	=(1.0%+4d)	0.1mV	*	*	*	*	*
Resistance	40MΩ	=(1.0%+4d)	0.1Ω	*	*	*	*	50mF
Capacitance	40mF	=(3.0%+5d)	0.01nF		100μF	100μF	*	4000μF 10mF
Frequency	10MHz	=(1.2%+3d)	0.01MHz	*	*	4kHz	*	*
Temperature	1000°C/1832°F	=(3.0%+5d)	1°C/°F	*	*	*	*	*

Size(HxWxD): 271mm x 100mm x 47mm

Weight: 508g

Accessories:

Test leads, gift box with carrying case, 9V battery and Temperature probe (3391/3391W/3392/3392W/3392BT/3395/3397)

The 371 series clamp meters offer all needed features for measurement. It with small bodies and jaws design for perfectly handhold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc. is easy with the inrush current function (376 only).

- Double molded plastic housing
- Inrush current function (376 only)
- Auto Power Off

Inrush current (376)

True RMS (375/376)



EMC & LVD
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Model 371



Model 372



Model 373



Features

	371	372	373	375	376
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC
Max. Resolution	1mA	1mA	10mA	10mA	10mA
LCD display counts	2000	4000	4000	4000	6000
AC True RMS				*	*
Display with backlight	*	*	*	*	*
Data Hold	*	*	*	*	*
Max Hold	*	*	*	*	*
Zero Function			*	*	*
Auto Power Off	*	*	*	*	*
Low battery indication	*	*	*	*	*
Peak Current				*	*
Inrush Current					*
1.2" (30mm) Jaw opening	*	*	*	*	*

Specifications

Function	Max Range	Basic Accuracy	371	372	373	375	376
Voltage DC	600V	=(0.5%+1d)	*	*	*	*	*
Voltage AC	600V	=(1.5%+2d)	*	*	*	*	*
Current DC	400A	=(2.0%+5d)			*	*	600A
Current AC	400A	=(2.5%+4d)	*	*	*	*	*
Resistance	40MΩ	=(3.0%+5d)	20MΩ	*	*	*	60MΩ
Temperature	1000°C/ 1832°F	=(3.0%+3d)		*	*	*	*
Capacitance	100uF	=(2.5%+5d)			*	40mF	60mF
Frequency	10MHz	=(1.2%+2d)			*	*	*
Inrush Current	600A	=(1.5%+2d)					*
Continuity check	Buzzer sounds at 50Ω		*	*	*	*	*
Diode test	Test current 0.3mA		*	*	*	*	*

Size(HxWxD): 197mm x 70mm x 40mm

Weight: 183g

Accessories:

Test leads, gift box with carrying case, Temperature probe(372,373, 375, 376 only) and 9V battery.

3340/3341/3342/3343 Series Professional AC, AC/DC Clamp Meters provide many functions for professional AC, AC/DC measurements including resistance, capacitance and diode test, etc. With mid-size and tear-drop shaped jaw, it is easy to use in crowded cable areas and other tight places.



Model 3341



Model 3343



1000A Clamp Meters

Double molded housing

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

Features	3340	3341	3342	3343
Digital display counts	2000	4000	2000	4000
Electronic overload protection	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*
Data Hold function	*	*	*	*
DCA Zero function				*
MAX Hold function	*		*	
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
AC/DC Current				*
1.2" (30mm) Clamp jaw opening	*	*	*	*

Specifications	Function	Max Range	Basic Accuracy	Max. Resolution	3340	3341	3342	3343
DC Current	1000A	±(2.5%+5d)	1mA					*
AC Current	1000A	±(3.0%+4d)	10mA		*	*	*	*
DC Voltage	600V	±(0.8%+2d)	0.1mV		*	*	*	*
AC Voltage	600V	±(1.0%+4d)	0.1mV		*	*	*	*
Resistance	20MΩ	±(1.0%+4d)	0.1Ω		*		*	
	40MΩ	±(1.0%+4d)	0.1Ω			*		*
Capacitance	100.0uF	±(3.0%+5d)	0.01nF			*		*
Frequency	10MHz	±(1.2%+3d)	0.001Hz			*		
	20kHz	±(1.2%+3d)	0.01kHz				*	
	100kHz	±(1.2%+3d)	0.001Hz					*
Duty Cycle	99.9%	±(1.2%+3d)	0.1%			*	*	*
Temperature	1000°C/1832°F	±(3.0%+3d)	0.1°C/°F			*	*	*

Size(HxWxD): 229mm x 80mm x 49mm
Weight: 303g
Accessories:
 Test leads, gift box with carrying case & 9V battery, two "AAA" batteries(3340)
 Temperature probe(3341/3342/3343)

3343T/3344/3345/3347/3347W Series Professional True RMS Clamp Meters provide accurate AC, AC/DC Current and Voltage readings regardless of wave-forms. These meters can be used in most industrial and commercial applications where non-linear loads distort the Current or Voltage waveform.

- Double molded housing
- Electronic overload protection
- Auto Power Off

1000A True RMS

Peak Hold Function

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

Features	3343T	3344	3345	3347	3347W
True RMS measurements	*	*	*	*	*
Digital display counts	4000	4000	4000	4000	4000
Electronic overload protection	*	*	*	*	*
Analog Bargraph/segments	*	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*	*
Data Hold function	*	*	*	*	*
Peak Hold function		*	*	*	*
DCA Zero function	*			*	*
Auto Power Off		*	*	*	*
Low battery indication	*	*	*	*	*
AC/DC Current	*	AC Current	AC Current	*	*
1.2" (30mm) Clamp jaw opening	*	*	*	*	*
USB interface					*
Wireless transmitter					915MHz
Receive Sensitivity					-109dBm
Communication Distance					< 100m

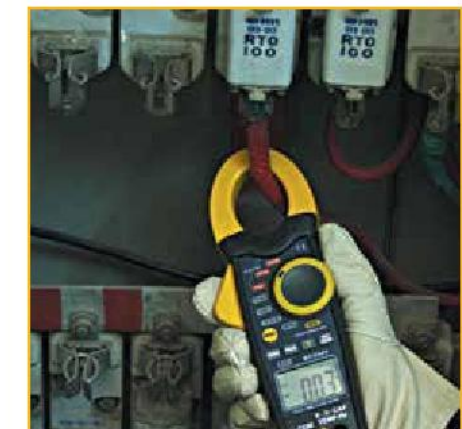
Specifications	Function	Max Range	Basic Accuracy	Max. Resolution	3343T	3344	3345	3347/3347W
AC Current	1000 A	±(2.5%+5d)	10mA		*	*	*	*
DC Current	1000 A	±(3.0%+4d)	10mA		*	*	*	*
AC Voltage	600V	±(0.8%+2d)	0.1mV		*	*	*	*
DC Voltage	600V	±(1.0%+4d)	0.1mV		*	*	*	*
Resistance	40MΩ	±(1.0%+4d)	0.1Ω		*	*	*	*
Capacitance	40mF	±(3.0%+5d)	0.01nF		100uF	*	*	*
Frequency	10MHz	±(1.2%+3d)	0.001Hz		100kHz	*	4kHz	4kHz
Temperature	1000°C/1832°F	±(3.0%+5d)	1°C/°F		*	*	*	*

Size(HxWxD): 229mm x 80mm x 49mm
Weight: 303g
Accessories:
 Test leads, gift box with carrying case, 9V battery and Temperature probe (3343T/3345/3347/3347W)
 USB cable and Software(3347W)



Model 3345

Model 3347



1000A Clamp Meters

Double molded housing



Model 3360

3360/3361/3363/3366/3367/3368 series professional 1000A AC, AC/DC clamp meters provide multi-function for 1000A AC, AC/DC, voltage, resistance, capacitance, Frequency, Temperature, duty cycle and continuity. These series are with 6000 / 6600 counts digital LCD display and analog bargraph.



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



- Analog Bargraph/Segments
- Electronic overload protection
- Data Hold function
- DCA Zero function
- Max/Min function
- Low battery indication
- Auto Power Off

Features

	3360	3361	3363	3367	3366	3368
Digital display counts	6000	6000	6000	6000	6600	6600
Analog Bargraph/Segments	*/60	*/60	*/60	*/60	*/60	*/60
Electronic overload protection	*	*	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*	*	*
Data Hold function	*	*	*	*	*	*
DCA Zero function	*	*	*	*	*	*
Min/Max Hold function	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*
AC/DC Current	AC current	AC current	*	*	AC current	*
True RMS measurements					*	*
1.2" (30mm) Clamp jaw opening	*	*	*	*	*	*
Inrush current function					*	*

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3360	3361	3363	3367	3366	3368
DC Current	1000A	±(2.5%+5d)	1mA	*	*	*	*	*	*
AC Current	1000A	±(3.0%+4d)	10mA	*	*	*	*	*	*
DC Voltage	600V	±(0.8%+2d)	0.1mV	*	*	*	*	*	*
AC Voltage	600V	±(1.0%+4d)	0.1mV	*	*	*	*	*	*
Resistance	60MΩ	±(1.0%+4d)	0.1Ω	*	*	*	*	66MΩ	66MΩ
Capacitance	4000μF	±(3.0%+5d)	0.01nF	*	*	*	*	40mF	40mF
Frequency	10MHz	±(1.2%+3d)	0.001Hz	*	*	*	*	10kHz	10kHz
Duty Cycle	99.9%	±(1.2%+3d)	0.1%	*	*	*	*	*	*
Temperature	1000°C/1832°F	±(3.0%+3d)	0.1°C/°F	*	*	*	*	*	*
Inrush current	1000A	0.1A	±(2.0%+5d)					*	*
Continuity check	Threshold 40Ω, test current <0.5mA								
Diode test	Test current of 0.3mA typical, open circuit voltage <3V DC typical								

Size(HxWxD): 229mm x 80mm x 49mm
Weight: 303g

Accessories:

Test leads, gift box with carrying case, 9V battery, Temperature probe(3361/3363/3367/3366/3368)



Model 3368

- 1500A True RMS
- 40000 Counts(3351/3352)

- Peak Hold Function
- Inrush current measurement



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



Features

	3350	3351	3352
Current measurement	AC/DC	AC/DC	AC/DC
Power clamp meter			*
LCD display counts	6600	40000	40000
AC True RMS	*	*	*
Display with backlight	*	*	*
Inrush current measurement	*	*	*
Max/Min, Data Hold	*	*	*
RFL (Zero) Function	*	*	*
Auto Power Off	*	*	*
Low battery indication	*	*	*
Analog Bargraph / 41 seg.	*	*	*
2.16" (55mm) Jaw opening	*	*	*
NCV Detection	*	*	*

Specifications

Function	Max Range	Basic Accuracy	3350	3351	3352
Current DC	1500A	±(2.0%+10d)	*	*	*
Current AC	1500A	±(2.8%+10d)	*	*	*
AC kW/kVA	900.0kW	±(3.0%+10d)			*
(AC kW/kVA TRMS 0-600V, 0-1500A, 50/60Hz)					
DC kW/kVA	900.0kW	±(2.5%+10d)			*
(DC kW/kVA 0-600V, 0-1500A, 50/60Hz)					
Power Factor	0.3~1	±(2.5%+10d)			*
Voltage DC	1000.0V	±(0.1%+5d)	1000V	*	*
Voltage AC	750.0V	±(0.5%+5d)	750V	*	*
Resistance	40.000MΩ	±(0.5%+4d)	*	*	*
Temperature	1000°C/1832°F	±(1.0%+1°C/1°F)	*	*	*
Capacitance	40.00mF	±(2.5%+5d)	*	*	*
Duty Cycle	10.0 to 95.0%	±(0.5%+2d)	*	*	*
Frequency	40.000MHz	±(1.2%+2d)	*	*	*
Inrush Current	1500A	±(1.5%+2d)	*	*	*
Continuity check	Buzzer sounds at 50Ω				
Diode test	Test current 0.3mA				

Size(HxWxD): 295mm x 100mm x 46mm
Weight: 537g

Accessories:

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

3351 is a True RMS 1500A AC/DC Clamp Meter, 3352 is a True RMS Power Meter, which provide much more safe measurements with double molded plastic housing design. True RMS AC/DC voltage and current measurements, 40,000 counts and 0.1% 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.

Measuring starting current for motors, lighting, etc. is easy with their inrush current function.

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



Model 3351

Model 3350



The 350 series clamp meters offer all the features you need to fit the way you work. The small bodies and jaws fit perfectly in your hand and into tight places. Meter controls are positioned so that current measurements can be done with one hand. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc. It is easy with the inrush current function (on most models).

- Double molded plastic housing
- Auto Power Off



Model 350



Model 351



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



Features

	350	351	352	353
Current measurement	AC	AC/DC	AC	AC/DC
LCD display counts	4000	4000	2000	50000
Data Hold	*	*	*	*
REL (Zero) Function	*	*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
1.2" (30mm) Jaw opening	*	*	*	*
NCV Detection	*	*	*	*

Specifications

Function	Max Range	Basic Accuracy	350	351	352	353
Voltage DC	600V	±(0.5%+1d)	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*
Current DC	400A	±(2.0%+5d)	*	*	*	*
Current AC	400A	±(2.5%+4d)	*	*	*	*
Resistance	40MΩ	±(3.0%+5d)	*	*	*	*
Temperature	760°C/ 1400°F	±(3.0%+3d)	*	*	*	*
Capacitance	100uF	±(2.5%+5d)	*	*	*	10mF
Frequency	10MHz	±(1.2%+2d)	*	10kHz	*	*
Continuity check	Buzzer sounds at 50Ω					
Diode test	Test current 0.3mA					

Size(HxWxD): 198mm x 66mm x 36mm
Weight: 230g

Accessories:
Test leads, gift box with carrying case, Temperature probe and Two "AAA" 1.5V batteries.



The 355 series clamp meters offer all needed features for measurement. It with small bodies and jaws design for perfectly handhold and tight place testing. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display.



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

- Double molded plastic housing
- True RMS measurement for ACV & ACA
- Auto Power Off

Features

	355	356	357	355W	356W	358
Current measurement	AC	AC/DC	AC/DC	AC	AC/DC	AC/DC
LCD display counts	6000	6000	40000	6000	6000	50000
AC True RMS	*	*	*	*	*	*
Display with backlight	*	*	*	*	*	*
Data Hold	*	*	*	*	*	*
Max /Min	*	*	*	*	*	*
REL (Zero) Function	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*
Analog Bargraph / 61 seg.	*	*	*	*	*	*
1.57" (40mm) Jaw opening	*	*	*	*	*	*
NCV Detection	*	*	*	*	*	*
USB interface				*	*	*
Wireless transmitter				433MHz	915MHz	
Receive Sensitivity				-109dBm		
Communication Distance				≤ 100m		

Specifications

Function	Max Range	Basic Accuracy	355/355W	356/356W	357	358
Voltage DC	600V	±(0.5%+1d)	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*
Current DC	1000A	±(2.0%+5d)	*	*	*	*
Current AC	1000A	±(2.5%+4d)	*	*	*	*
Resistance	60MΩ	±(3.0%+5d)	*	*	*	*
Temperature	760°C/ 1400°F	±(3.0%+3d)	*	*	*	*
Capacitance	4000uF	±(2.5%+5d)	*	*	*	10mF
Frequency	10MHz	±(1.2%+2d)	*	10kHz	10kHz	10MHz
Inrush Current	600A	±(1.5%+2d)	*	*	*	*
Continuity check	Buzzer sounds at 50Ω					
Diode test	Test current 0.3mA					

Size(HxWxD): 230mm x 76mm x 40mm
Weight: 315g



Accessories:
Test leads, gift box with carrying case, Temperature probe and 9V battery.
USB cable and Software(355W/356W)



Model 356



Model 358

