

Professional AC, AC/DC Autoranging Clamp Meters



Professional Clamp Meters Selection Guide



Professional AC/DC True RMS InfraRed Thermal Clamp Meter with Datalogging, Bluetooth connectivity

DT-9581 Clamp Meter with Thermal imaging is troubleshooting and diagnosing tool for electrical equipment that can quickly check hot spots on high-voltage equipment and transformers, and safely detect overheating of system components, fuses, wires, insulators, connectors, splices and switches to prevent safety hazards. The clamp meter's advanced electrical features – True RMS, VFD, Loz in AC measurement and fast A/D converting sampling time and wide range of functions provide fast and reliable way to identify overloaded circuits. The connectivity to Thermview+ App via Bluetooth can transmit images and readings to a smartphone, to save time and simplify on data collection, reporting and sharing.



Professional 1000A AC, AC/DC True RMS Clamp Meters

DT-9380/9381/9381A Industrial clamp meter with advanced features – True RMS, Loz (DT-9381A) and variable frequency drive (VFD) filtering functions (DT-9381A) offer advanced troubleshooting performance. The meters help users accurately analyze voltage/current in complex machinery by including inrush (DT-9381A) and wide range of current/voltage 1000V and 1000A. You can also use it to measure temperature, capacitance and frequency.



AC True RMS Fork Clamp Meter With white LED Blacklight

DT-390 is a versatile troubleshooting tool to carry to every job site. It can be used to check voltage and current with one compact tool and also to check resistance, capacitance, continuity and diode test. Its open jaw current measurement allows you to check current up to 200A without breaking the circuit. The Auto-sense feature enables the meter to recognize the input and automatically switch to the correct mode. Its double molded test leads stow neatly in the back of the tester, making it easy to carry and use. Negativity LCD display, backlight for button and knob switch and flashlight make it easy to see in dark location.



3000A True RMS AC Flex Clamp Meter

DT-320 is made with a narrow, 18-inch (457mm) flexible coil clamp. Unlike hard jaw clamp meters, the DT-320 coil clamp can be manoeuvred, snaked and bent to reach into areas that are obstructed or difficult to reach, it allows you easily take measurements in tight location to simplify difficult current measurements with wide range of 3000A current. The True RMS measurement is for accurate readings of noisy, distorted and non-sinusoidal waveforms.



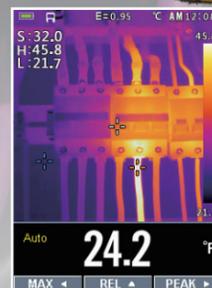
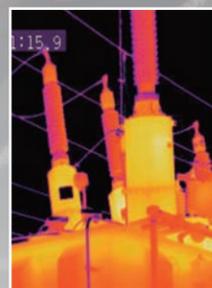
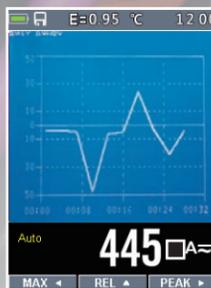
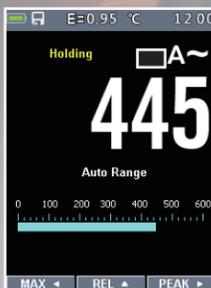
CATIV 1000V 2000A AC, AC/DC True RMS Clamp Meters

3398B/3398W 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.

Professional AC/DC True RMS Clamp Meters with 80x80 InfraRed Thermal Imager



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



- Fast response time
- True RMS
- TFT color LCD display
- 6000 counts

Features

Built-in Thermal Imager with 80x80 InfraRed resolution quickly and safely identifies hot spots without contact
 2.4" TFT color 6000 counts LCD display with 240x320 pixels for easy and clear viewing of images and readings
 True RMS measurement for ACV / ACA / LoZ for ACV measurement
 Low pass filter for accurate measurement of variable frequency drive (VFD) signals
 1.4" (37mm) Jaw opening
 Flexible current probe (320B/320BS optional) expands the measurement range to 3000 ACA
 AC, AC+DC True RMS measurement & 1KHz ACV, ACA bandwidth
 A/D convert fast sampling time: 10 times/sec
 Peak capture as fast as 500µs & Inrush current
 Min/Max/Avg with Time stamp (records signal fluctuations)
 With Bluetooth connect to Thermview+ smart phone App for documentation reporting and sharing
 Logging function with Trend capture for easy review of logged data
 Double molded plastic housing for safe testing and flashlight for dark location

Specifications

	9481	9581			
Thermal Imager					
IR resolution	80x80 pixels	*			
Field of View (FOV)	21° x 21°	*			
Thermal sensitivity/NETD	< 0.08°C /80mK	*			
Image frequency	50Hz	*			
Object temperature range	-20 to 260°C (-4 to 500°F)	*			
Spectral range	8-14 µm	*			
Color palettes	Iron/Rainbow/Grey/Grey Inverted/Feather	*			
Accuracy	±2°C (±3.6°F) or ±2% of reading	*			
True RMS Multimeter Functions					
Function	Maximum	Max. resolution	Best Accuracy		
Voltage DC	1000V	100mV	±(0.5% + 5d)	1500V	*
Voltage AC	1000V	100mV	±(1.2% + 5d)	1500V	*
Current DC	1000A	0.01A	±(2% + 8d)	*	*
Current AC	1000A	0.01A	±(2.5% + 5d)	*	*
Flexible A	3000A	0.01A	±(3.0%+5d)	*	*
Resistance	60MΩ	0.1Ω	±(0.8% + 5d)	*	*
Capacitance	100mF	0.01nF	±(3.0% + 5d)	*	*
Frequency	10MHz	0.01Hz	±(0.2% + 5d)	*	*
Inrush Current	1000A	1A		*	*
Temperature	1000°C/1832°F		±(1.5%+3°C)	*	*
Diode & Continuity	Yes			*	*
Interface	Bluetooth			*	*
Power Supply	Li-ion rechargeable battery			*	*

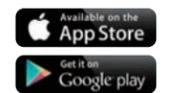
Size(HxWxD): 95mm x 270mm x 42mm Weight: 550g

Accessories: Test leads, gift box with carrying case, Temperature probe, Li-ion rechargeable battery, AC Charger



Model 9481

Model 9581



Professional 1000A AC, AC/DC True RMS Clamp Meters with TFT color LCD display



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



The 9380/9381/9382/9383 series clamp meters provide fast A/D converting sampling time, high accuracy, offer all needed features for measurement. They are with modern bodies and jaws design for perfect handheld and tight place testing. A large backlit display is easy to see and a handy data hold keeps measurements on the display.

- Double molded plastic housing
- True RMS measurement for ACV & ACA
- Flexible current probe expands the measurement range to 3000 ACA (9382)

Features

	9380	9380A	9381	9381A	9382	9382B
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC	AC/DC
Display counts	4000	6000	4000	6000	6000	6000
1.8" TFT color LCD display counts					*	Negativity
AC True RMS	*	*	*	*	*	*
Data Hold & Peak Hold		*		*	*	*
Max /Min Hold	*		*		*	*
REL (Zero) Function			*	*	*	*
Flashlight and Backlight	*	*	*	*	Flashlight	Flashlight
Auto Power Off	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*
100ms Inrush current		*		*	*	*
Low input impedance prevents false readings due to "ghost voltage" (LoZ)		*		*	*	*
Low pass filter for accurate measurement of variable frequency drive (VFD) signals		*		*	*	*
Max Jaw opening 1.4" (35mm)	*	*	*	*	*	*
Bluetooth interface					*	*
3000A ACA flexible clamp					*	*
Trend capture function					*	*
Fast response time					10 times/sec.	
100 Graph Data review					*	*
NCV Function	*	*	*	*	*	*

Specifications

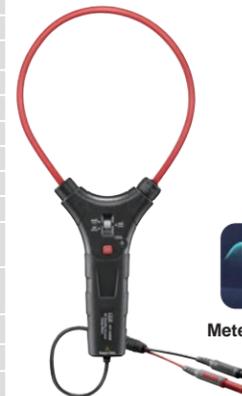
Function	Max Range	Basic Accuracy	9380	9380A	9381	9381A	9382	9382B
Voltage DC	1000V	±(0.5%+2d)	*	*	*	*	*	*
Voltage AC	1000V	±(1.0%+5d)	*	*	*	*	*	*
Current DC	1000A	±(2.0%+5d)			*	*	*	*
Current AC	1000A	±(2.5%+8d)	*	*	*	*	*	*
ACA flexible	3000A	±(2.5%+8d)					*	*
Resistance	60MΩ	±(3.0%+5d)	40MΩ	*	40MΩ	*	*	*
Temperature	1000°C/1832°F	±(1.0%+3d)	*	*	*	*	*	*
Capacitance	100mF	±(2.5%+5d)	*	*	*	*	*	*
Frequency	10kHz	±(0.5%+2d)	*	*	*	*	*	*
Inrush Current	1000A	±(2.5%+2d)		*		*	*	*
Continuity check	Buzzer sounds at 50Ω							
Diode test	Test current 0.3mA							

Size(HxWxD): 250mm x 78mm x 40mm Weight: 350g

Accessories: Test leads, gift box with carrying case, Temperature probe and 1.5V AAA x 3 batteries, Software(9382/9383) Flexible clamp (9382)



- Fast response time
- True RMS
- TFT color LCD display (9382/9383)
- PC Calibration



Flexible clamp (optional)
Model DT-320BS

Meterbox Pro



Model 9382



Model 9381



Model 9380



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



CEM DT-9280/9281/9281A/9282 clamp meters providing fast A/D converting sampling time, high accuracy offer all needed features for measurement. They are with modern bodies and jaws designed for perfect handhold and tight place testing. A clear backlit display is easy to see and a handy data hold keeps measurements on the display.

Professional clamps featuring Low impedance (LoZ) mode and choice of advanced model with Low Pass Filter (VFD) and inrush functions (9282)



Model 9282

- Fast response time
- True RMS

- PC Calibration
- Double molded housing



Model 9281



Meterbox Pro

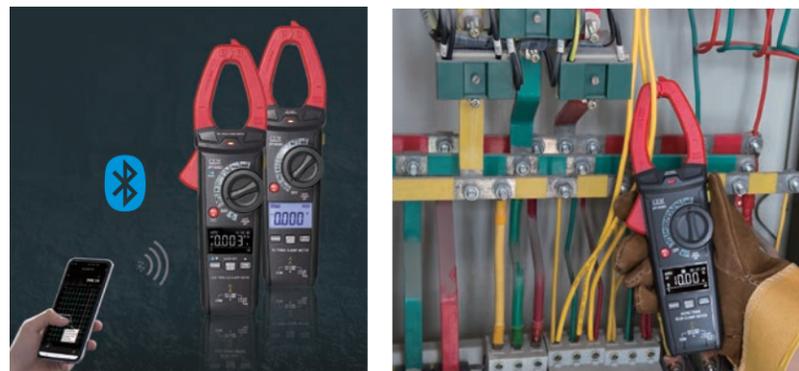


Features	9280	9281	9281A	9282
Current measurement	AC	AC/DC	AC/DC	AC/DC
Display counts	6000	6000	6000	6000
OLED display				*
Backlight & Flashlight	*	*	*	*
AC True RMS	*	*	*	*
Low pass filter (VFD)	*	*	*	*
Data Hold	*	*	*	*
Peak Hold	*	*	*	*
REL (Zero) Function		*	*	*
Auto Power Off	*	*	*	*
Low battery indication	*	*	*	*
100ms Inrush current	*	*	*	*
1.3" (34mm) Jaw opening	*	*	*	*
Bluetooth interface			*	*
LoZ Voltage measurement	*	*	*	*
NCV Function	*	*	*	*

Specifications	Function	Max Range	Basic Accuracy	9280	9281	9281A	9282
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)		*	*	*	*
Temperature	1000°C/ 1832°F	±(1.0%+3d)		*	*	*	*
Capacitance	100mF	±(2.5%+5d)		*	*	*	*
Frequency	100kHz	±(0.5%+2d)		*	*	*	*
Inrush Current	600.0A	±(1.5%+2d)		*	*	*	*
Continuity check	Buzzer sounds at 50Ω						
Diode test	Test Current <0.5mA MAX 3V						

Size(HxWxD): 239mm x 72mm x 40mm Weight: 318g

Accessories: Test leads, gift box with carrying case, temperature probe and 1.5V AAA x 3 batteries



The 9180 Series clamp meters provide fast A/D converting sampling time, high accuracy, offer all needed features for measurement. It is with modern bodies and jaws design for perfect handhold and tight place testing. A large backlit display (on the most of models) is easy to see and a handy data hold keeps measurements on the display.

- Double molded plastic housing (9180/9180D/9181/9181H/9182)
- True RMS measurement for ACV & ACA



400A AC, AC/DC True RMS Clamp Meters

NCV Function



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



Model 9181

Features	9180C	9180D	9180	9181H	9181	9182
Current measurement	AC	AC	AC	AC/DC	AC/DC	AC/DC
Display counts	4000	4000	4000	4000	4000	4000
AC True RMS	*	*	*	*	*	*
Low pass filter (VFD)			*		*	*
Data Hold	*	*	*	*	*	*
Peak/ MAX/ MIN	MAX/ MIN	MAX/ MIN	*	MAX/ MIN	*	*
REL (Zero) Function			*	*	*	*
Flashlight and Backlight	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*
100ms Inrush current	*	*	*	*	*	*
1.18" (30mm) Jaw opening	*	*	*	*	*	*
LoZ Voltage			*		*	*
NCV Function	*	*	*	*	*	*

Specifications	Function	Max Range	Basic Accuracy	9180C	9180D	9180	9181H	9181	9182
Voltage DC	1000V	±(0.5%+2d)		600V	600V	*	600V	*	*
Voltage AC	1000V	±(1.0%+5d)		600V	600V	*	600V	*	*
Voltage VFD	600V					*		*	*
LoZ Voltage	<600V					*		*	*
Current DC	400.0A	±(2.0%+5d)				*		*	*
Current AC	400.0A	±(2.5%+8d)		*	*	*	*	*	*
Resistance	40MΩ	±(3.0%+5d)		*	*	*	*	*	*
Temperature	1000°C/ 1832°F	±(1.0%+3d)		*	*	*	*	*	*
Capacitance	100mF	±(2.5%+5d)		4mF	4mF	*	4mF	*	*
Frequency	ACV 100kHz	±(0.5%+2d)		ACV 10kHz	ACV 10kHz	*	ACV 10kHz	*	*
Inrush Current	400.0A	±(1.5%+2d)		*	*	*	*	*	*
Diode test	Test Current <0.5mA MAX 3V			2V	2V	*	2V	*	*
Continuity check	Buzzer sounds at 50Ω								

Size(HxWxD): 225mm x 72mm x 40mm

Weight: 294g

Accessories: Test leads, gift box with carrying case, Temperature probe (except 9180C) and 1.5V AAA x 3 batteries



Model 9180C (Single molded plastic housing)

AC True RMS Fork Clamp Meter With White LED Backlight



CE
EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)

EN 61010-1
CAT IV
600V

EN 61010-1
CAT III
1000V



390/391 clamp meter offers all needed features for measurement. They have small bodies and jaws design for perfectly handhold and tight place testing. A large backlit display is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc.

Features	390	390B	391
200A AC Current measurement	*	*	*
Digital display counts	6000	6000	6000
Display type(Negativity display)	*	Positive	*
Compact size	*	*	*
Data Hold & MAX/MIN Function	*	*	*
Peak Value & Inrush Current	*	*	*
Backlight for button, knob Switch & Flashlight	*	*	*
Low battery indication	*	*	*
17mm Jaw opening	*	*	*
Auto sense Voltage	*	*	*
NCV	*	*	*
Low Z & True RMS	*	*	*
Non contact voltage test			*

Specifications	Max Range	Basic Accuracy	390/390B	391
Voltage DC	1000V	±(0.8%+3d)	*	*
Voltage AC	1000V	±(1.0%+3d)	*	*
Current AC	200A	±(3.5%+5d)	*	*
Resistance	60MΩ	±(3.0%+5d)	*	*
Capacitance	6000mF	±(2.5%+5d)	*	*
Non contact voltage test	600V	±(2.5%+5d)		*
LoZ (< 600V)			~3KΩ	
Continuity check		Buzzer sounds at 50Ω		
Diode test		Test current 0.35mA 3V		

DT-379 Voltage Tester

Features
LCD/LED Indication Range: 6 V to 1000 V DC and AC/ 12 V to 1000 V DC and AC
Independent ELV indicator LED, indicates if >50 V AC/120 V DC is present even in the situation of no battery power or main circuit failure
Data HOLD
Backlight for button & Flashlight
Beeper for Phase/ACV
19 mm Probe Tip distance when docked
Auto Voltage detection/ Full range Polaritydetection
Operation / Duration Time =30 seconds, Recovery Time =240 seconds

Specifications	Max Range	Basic Accuracy
Current AC	200A	±(3.5%+5d)
LEDs Voltage range	12 V to 1000 V AC/DC	Frequency range: 0 / 40 Hz to 400 Hz, Auto power on : ≥12 V ac/dc
LCD Voltage range	6V to 1000V AC/DC	±(3 % rdg + 5 digits), Frequency range:0 / 40 Hz to 400 Hz, Auto power on: ≥6 V AC/DC
Internal basic load impedance/ Peak current	Maximum 3.5 mA at 1000 V 350 kΩ / Is <3.5 mA (no RCD tripping)	
Continuity Test	0 to 400 kΩ	Nominal resistance +50 % , Test current ≤5 μA
Resistance Measurement	0 Ω to 1999 Ω	±(5 % rdg +10 digits) @ 20 °C, Temperature coefficient: ±5 digits / 10 K, Test current : ≤30 μA

Size(HxWxD): 230mm x 44mm x 66mm Weight: 259g
Accessories: Test leads, gift box with carrying case, Two "1.5V AA" batteries.

CE
EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)

EN 61010-1
CAT IV
600V

EN 61010-1
CAT III
1000V



Model 390

CE
EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)

EN 61010-1
CAT IV
600V

EN 61010-1
CAT III
1000V



Model 379

Professional 600A AC, AC/DC True RMS Clamp Meters Built-in InfraRed Thermometers

DT-395/396 clamp meters provide fast A/D converting sampling time, high accuracy offer all needed features for measurement. They have modern bodies and jaws design for perfect handhold and tight place testing. A clear backlit display (on most models) is easy to see and a handy data hold keeps measurements on the display.



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)



DT-396

MODE VFD MAX MIN

AC TRMS Clamp Meter with IR Thermometer

COM CAT III 1000V CAT IV 600V VΩ CAP K-Temp
COM CAT III 1000V CAT IV 600V VΩ CAP K-Temp

AC TRMS Clamp Meter with IR Thermometer



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

- 100ms Inrush current

DT-395/396 clamp meters provide fast A/D converting sampling time, high accuracy offer all needed features for measurement. It has modern bodies and jaws design for perfect handhold and tight place testing. A clear backlit display is easy to see and a handy data hold keeps measurements on the display.

Features

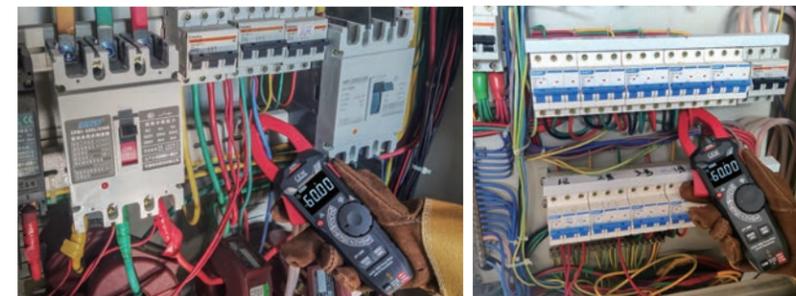
	395	396	397
Current measurement	AC	AC/DC	AC/DC
Display counts	6000	6000	6000
AC True RMS	*	*	*
Low pass filter (VFD)	*	*	*
Optical Resolution 4:1	*	*	*
MAX/MIN & Data Hold	*	*	*
REL (Zero) Function		*	*
Backlight for LCD, Flashlight	*	*	*
Low battery indication & Auto Power Off	*	*	*
100ms Inrush current			*
1.3" (34mm) Jaw opening	*	*	*
Fast response time	*	*	*
NCV Function	*	*	*

Specifications

Function	Max Range	Basic Accuracy	395	396	397
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)	*	*	*
Temperature	1000°C/ 1832°F	±(1.0%+3d)	*	*	*
IR Temperature	-30 ~ 350 °C/ -22 ~ 662°F	±1.5%±1°C/1.8°F	*	*	*
Capacitance	100mF	±(2.5%+5d)	*	*	*
Frequency	10kHz	±(0.5%+2d)	*	*	*
Inrush Current	600.0A	±(1.5%+2d)	*	*	*
Continuity check	Buzzer sounds at 50Ω				
Diode test	Test Current <0.5mA MAX 3V				

Size(HxWxD): 239mm x 44mm x 66mm Weight: 318g

Accessories: Test leads, gift box with carrying case, temperature probe and 1.5V AAA x 3 batteries



IR Sensor



Model 396



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)



Model 397

AC Leakage Current Tester



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

- Low pass filter for current

DT-398/398H clamp meters providing fast A/D converting sampling time, high accuracy offer all needed features for leakage current measurement. The are with modern bodies and jaws design for perfectly handhold and tight place testing. A clear backlit display is easy to see and a handy data hold keeps measurements on the display.

Features

	398	398H
Accurate AC digital clamp meter for leakage current measurement	*	*
AC current measurement: 0 ~ 100A	*	*
AC voltage measurement: 0 ~ 600V	*	*
1μA ultra high resolution on 6.000 mA range	*	*
Shield transformer jaws to minimize the effect of external stray magnetic field.	*	*
Large jaw with 30 mm diameter.	*	*
ACA Six Ranges (6.000mA, 60.00mA, 600.0mA, 6.000A, 60.00A, 100A) for all application.		*
ACA Three Ranges (6.000A, 60.00A, 100A) for all application.	*	
A filter circuit is designed to eliminate the effect of high frequency noise and harmonics for AC current measurement.	*	*
6000 Counts LCD display (Negativity display)	*	*
Backlight for button, knob Switch & Flashlight	*	*
Pmax/Pmin, Data Hold function Temp Measurement	*	*
Easy single rotary switch for any function selection	*	*
Continuity measurements.	*	*
Frequency measurements.	*	*
600V overload protection for ohm measurement	*	*

Specifications

Function	Max Range	Resolution	Basic Accuracy	398	398H
Voltage DC	600V	0.001V	±(0.5%+2d)	*	*
Voltage AC	600V	0.001V	±(1.0%+5d)	*	*
Current AC	6.000mA, 60.00mA, 600.0mA, 6.000A, 60.00A, 100A	1μA~100mA	±(3.0%+8d)	*	*
Resistance	60MΩ	0.1Ω	±(3.0%+5d)	*	*
Temperature	1000°C/ 1832°F	0.1°C/1°F	±(1.0%+3d)	*	*
Capacitance	99.9mF	0.001nF	±(2.5%+5d)	*	*
Frequency	100kHz	0.001Hz	±(0.5%+2d)	*	*
Continuity check	Buzzer sounds at 50Ω			*	*
Diode test	Test Current <0.5mA MAX 3V			*	*

Size(HxWxD): 239mm x 44mm x 66mm Weight: 318g

Accessories: Test leads, gift box with carrying case, temperature probe and 1.5V AAA x 3 batteries



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033
EN 61243-3:2014 (379)



Model 398H



Model 398

Professional 50,000 Counts Heavy Duty AC, AC/DC True RMS Autoranging Clamp Meters with Dual Type K Inputs



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



Meterbox Pro

Amazing features and built-in apps. (3382/3383)

The Meterbox pro 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 also has powerful cloud functions, such as computing and storage service.

The 3380 series clamp meters offer all needed features for measurement, design for perfect handhold and tight place testing. A large backlit display is easy to see and a handy data 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

Features

	3380	3381	3382	3383	3386
Current measurement	AC	AC/DC	AC	AC/DC	AC/DC
LCD display counts	50000	50000	50000	50000	50000
AC True RMS	*	*	*	*	*
Dual type K inputs	*	*	*	*	*
Display with backlight	*	*	*	*	*
Data Hold & Peak Hold	*	*	*	*	*
Dual type K inputs	*	*	*	*	single
REL (Zero) Function & Max /Min	*	*	*	*	*
Auto Power Off	*	*	*	*	*
Low battery indication	*	*	*	*	*
1.9" (48mm) Jaw opening	*	*	*	*	*
NCV Detection & flashlight	*	*	*	*	*
3000A ACA Flexible clamp	*	*	*	*	*
Inrush Current	*	*	*	*	*
Bluetooth interface			*	*	*

Specifications

Function	Max Range	Basic Accuracy	3380	3381	3382	3383	3386
Voltage DC	600V	±(0.1%+4d)	*	*	*	*	1000V
Voltage AC	600V	±(1.0%+3d)	*	*	*	*	1000V
Current DC	1000A	±(2.5%+5d)	*	*	*	*	1000A
Current AC	1000A	±(2.5%+5d)	*	*	*	*	1000A
DC µA/mA Current	5000.0µA 500.00mA	±(1.0%+3d)	*	*	*	*	
AC µA/mA Current	5000.0µA 500.00mA	±(1.5%+30d)	*	*	*	*	
Resistance	50MΩ	±(3.0%+5d)	*	*	*	*	*
Temperature	1000°C/1832°F	±(1.0%+2.5°C)	*	*	*	*	*
Capacitance	5mF	±(3.5%+10d)	*	*	*	*	*
Frequency	10MHz	±(0.3%+2d)	*	*	*	*	*
ACA flexible clamp	3000A	±(2.8%+8d)	*	*	*	*	*
Continuity check	Buzzer sounds at 35Ω						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.



Drop-proof to 2M

- True RMS
- Dual Type K Inputs

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

EN 61010-1
CAT III
1000V

EN 61010-1
CAT IV
600V

TOV Rheinland
ZERTIFIZIERT
www.tuv.com
ID 1419031076

Model 3383

Model 3386

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. A large backlit display is easy to see and a handy Display hold keeps measurements on the display.

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

Drop-proof to 2M

True RMS



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



Model 3371B



Model 3372

Features	3370B	3371B	3372B	3373	3376
Current measurement	AC	AC/DC	AC/DC	AC/DC	AC/DC
LCD display counts with backlight	4000	4000	6000	6000	6000
AC True RMS	*	*	*	*	*
Flashlight	*	*	*	*	*
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				*	*
3000A ACA Flexible clamp					*

Specifications	Function	Max Range	Basic Accuracy	3370B	3371B	3372B	3373	3376
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%+3°C)	*	*	*	±(1.0%+3°C)	±(1.0%+3°C)	
Capacitance	10mF	±(2.5%+5d)	4000uF	4000uF	6mF	6000uF	6000uF	
Frequency	10MHz	±(1.2%+2d)	*	10kHz	*	10MHz	10MHz	
Inrush Current	1000A	±(1.5%+2d)	*	*	*	*	*	
ACA Flexible clamp	3000A	±(3.5%+10d)						*
Continuity check	Buzzer sounds less than 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.



3391/3392/3395 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.

1000A True RMS

• Peak Hold Function(3392/3392W/3392BT)



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



Model 3391

Features	3390	3391/3391W	3392/3392W/3392BT	3395
True RMS measurements		*	*	*
Digital display counts	4000	4000	4000	6000
Electronic overload protection	*	*	*	*
Analog Bargraph/segments			*/41	*/61
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
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	100μF	100μF	*	4000μF	*
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)



Model 3392

DT-3369T-BT professional 1000A AC/DC clamp meter provides multi-function for 1000A AC/DC, voltage, resistance, capacitance, frequency, temperature, duty cycle and continuity. This is with 6000 counts digital LCD display and analog bargraph, with bluetooth work with Meterbox Pro App to transmit and share data.

Features

- 6000 Counts digital display with 60 segments analog bar
- Electronic overload protection
- Continuity buzzer & Diode check
- Data Hold function & Backlight
- DCA Zero function
- Min/Max Hold function
- Low battery indication & Auto Power Off
- AC/DC Current
- True RMS measurement
- 1.2" (30mm) Clamp jaw opening
- Inrush current function & Peak Voltage function
- Bluetooth interface
- NCV Detection: 100V to 600V AC

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution
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
Capacitance	6000μF	±(3.0%+5d)	0.01nF
Frequency	10MHz	±(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
Inrush current	1000A	0.1A	±(2.0%+5d)
Continuity check	Threshold 50Ω, test current <1mA		
Diode test	Test current of 1.5mA 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 and temperature probe.



Model 3369T-BT



3345/3360 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.

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



Model 3345



Model 3347



Model 3360

Features

	3343T	3345	3347	3347W	3360	3361	3363	3367	3366	3368
True RMS measurements	*	*	*	*	*	*	*	*	*	*
Digital display counts	4000	4000	4000	4000	6000	6000	6000	6000	6600	6600
AC/DC Current	AC/DC	AC	AC/DC	AC/DC	AC	AC	AC/DC	AC/DC	AC	AC/DC
1.2" (30mm) Clamp jaw opening	*	*	*	*	*	*	*	*	*	*
Electronic overload protection	*	*	*	*	*	*	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*	*	*	*	*	*	*
Data Hold function	*	*	*	*	*	*	*	*	*	*
Analog Bargraph/segments	*	*	*	*	*/60	*/60	*/60	*/60	*/60	*/60
Peak Hold function	*	*	*	*						
DCA Zero function	*	*	*	*						
MAX/MIN Hold function					MAX/MIN	MAX/MIN	MAX/MIN	MAX/MIN	MAX/MIN	MAX/MIN
Auto Power Off		*	*	*	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*	*	*	*	*
Inrush current function									*	*
USB interface				*						
Wireless transmitter				915MHz						
Communication Distance				≤ 100m						

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3343T	3345	3347/3347W	3360	3361	3363	3367	3366	3368
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	*	*	*	60MΩ	60MΩ	60MΩ	60MΩ	66MΩ	66MΩ
Capacitance	40mF	±(3.0%+5d)	0.01nF	100μF	*	*	*	*	*	*	40mF	40mF
Frequency	10MHz	±(1.2%+3d)	0.01MHz	100kHz	4kHz	4kHz	*	*	*	*	10kHz	10kHz
Duty Cycle	99.9%	±(1.2%+3d)	0.1%	*	*	*	*	*	*	*	*	*
Temperature	1000°C/1832°F	±(3.0%+5d)	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 (3343T/3345/3347/3347W/3361/3363/3367/3366/3368)
 USB cable and Software(3347W)

3000A True RMS AC Flex Clamp Meter



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

Features

	320/320H	320S
Head cable length	18" (457mm)	10" (254mm)
3000A AC current measurement	*	*
Auto ranging	*	*
Data Hold & MAX/MIN	*	*
3000 counts large scale LCD display with backlight	*	*
7.5mm coil diameter for tight space measurement	*	*
Indication low battery	*	*
Ergonomically designed one hand operation	*	*
CAT IV 600V/CAT III 1000V safety standard	*	*

Specifications

Function	Max Range	Resolution	Basic Accuracy	Accuracy (320H)
AC Current	30.00A AC	0.01A	± (3.0% + 8d)	± (2.5% + 5d)
50-400Hz	300.0A AC	0.1A	± (3.0% + 5d)	± (2.5% + 5d)
True RMS	3000A AC	1A	± (3.0% + 5d)	± (2.5% + 5d)

Size(HxWxD): 180mm x 106mm x 28mm Weight: 200g
Accessories: Clamshell, 1.5V AAA x 2 batteries

DT-320B/320BS 3000A AC Flex Clamp Adaptor

Features

18" (457mm) head cable length (320B)
10" (254mm) head cable length (320BS)
3000A AC current measurement
Slide switch to change range
Voltage output to universal voltage meters
7.5mm coil diameter for tight space measurement
2 meter extension cable
Low BAT LED indicator
Ergonomically designed one hand operation
CAT IV 600V/CAT III 1000V safety standard

Specifications

Function	Max Range	Measurement Range	Basic Accuracy	Output Voltage
AC Current	30A AC	≤30.00A	100mV/A	± 3.0%
50-400Hz	300A AC	30.0A-300.0A	10mV/A	± 3.0%
	3000A AC	300A-3000A	1mV/A	± 3.0%

Size(HxWxD): 180mm x 106mm x 28mm
Weight: 210g

Accessories: Clamshell, 1.5V AAA x 2 batteries

DT-388/389 Flexible AC Current Clamp meter with Datalogger

Features

	388	389
AC current True RMS measurements	*	*
4000 counts display with backlight & Analogue Bar Graph	*	*
Electronic overload protection	*	*
Data Hold & inrush function	*	*
Inrush Current	*	*
Datalogger	*	*
Bluetooth interface	*	*
Jaw opening 457mm (18 in) coil	*	*
3000A ACA flexible clamp	*	*
Auto Power Off	*	*
Low battery indication	*	*

Specifications

AC current range	0.5A to 3000A AC
Resolution	0.01A
Accuracy	3% ± 5 digits (50Hz to 400Hz)
Memory	Record up to 86000 readings (389)
Safety rating	CAT IV 600V, CAT III 1000V

Size(HxWxD): 230mm x 76mm x 40mm Weight: 315g
Accessories: Gift box with carrying case, 1.5V AAA x 2 batteries, APP Software.



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



Model 320/320H

Model 320S



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



Model 320B



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



Model 389

CATIV 1000V 2000A AC, AC/DC True RMS Clamp Meters



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



- CAT IV 1000V Safety design
- True RMS measurements
- 2000A AC, AC/DC Clamp Meters
- Inrush current measurement
- Bluetooth data transmission
- AC+DC Applications with Testing & Maintenance (3398W)

3398/3398B/3398W 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.

2000A True RMS

- Peak Hold Function
- Inrush Current Measurement



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



Model 3398B



Model 3398W

Features

	3398	3398B	3398W
AC/DC Current	AC	AC/DC	AC/DC
Clamp jaw opening	2" (52mm)	2" (52mm)	2" (52mm)
Digital display counts	6000	6000	6000
Electronic overload protection	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V
True RMS measurements	*	*	*
Analog Bargraph/segments		*/61	*/61
Continuity buzzer & Diode check	*	*	*
Data Hold & Peak Hold function	*	*	*
Flash light & Black light function	*	*	*
MAX/ MIN	*	*	*
Inrush current measurement	*	*	*
DCA Zero function	*	*	*
NCV Detection	*	*	*
Auto Power Off	*	*	*
Low battery indication	*	*	*
V AC+DC			*
THDf / THDr			25th harmonic
Phase rotation indication			*
Bluetooth data transmission		*	*
Low pass filter			*

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3398	3398B	3398W
AC Current	2000 A	±(2.5%+5d)	1A	*	*	*
DC Current	2000 A	±(3.0%+4d)	1A		*	*
AC Voltage	1000V	±(0.8%+2d)	0.1mV	*	*	*
DC Voltage	1000V	±(1.0%+4d)	0.1mV	*	*	*
Resistance	60MΩ	±(1.0%+4d)	0.1Ω	*	*	*
Capacitance	10mF	±(3.0%+5d)	0.01nF	*	*	*
Electronic Frequency	100kHz	±(1.2%+3d)	0.01kHz	*	*	*
Temperature	1000°C/1832°F	±(3.0%+5d)	1°C/°F	*	*	*
Total Harmonic Distortion	99.9%	0.1%	±(3% + 10d)			*
Harmonic distortion measurement	99.9%	0.1%	±(5% + 10d)			*
Active Power	999.9KW		A.error x v.reading + V.error x A.reading			*
Power Fartor	-1.0 ~ 0, 0 ~ 1.0		±(3% + 1d)			*
Continuity check	Buzzer sounds at 50Ω					*
Diode test	Test current <0.5mA Max 3V					*

Size(HxWxD): 308mm x 97mm x 47mm Weight: 732g
Accessories: 1.5V AA x 3 batteries and Temperature probe (3398B/3398W), test leads, gift box with carrying case.



Model 3170



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



3170 Milliamp clamp meter measures mA signals for PLC and control system analog I/O, with extension cable for measurements in tight locations

Features

- High accuracy 0.5%
- 0.01 mA resolution and sensitivity
- 0.18 in or 4.5mm max. diameter of measurable conductor
- Measuring 4 to 20 mA signals without “breaking the loop”
- Measuring mA signals for PLC and control system analog I/O
- Dual backlit display with both mA measurement and percent of 4 to 20 mA span
- Measurement Spotlight illuminates where hard to see wires in dark enclosures
- Detachable clamp with extension cable for measurements in tight locations
- Measuring 10 to 50 mA signals in older control systems by using the 99.9 mA range
- Automatically change 4 to 20 mA output for remote testing
- Power saving features, auto-off, backlight timeout extend battery life
- Hold function captures and displays changing measurements

Specifications

Function	Range/ Resolution	Accuracy
mA measurement	0 to 20.99 mA	0.5% + 5 counts
	21.0mA to 100.0 mA	1.5% + 5 counts

Size(HxWxD): 215mm x 55mm x 36mm **Weight:** 200g
Accessories: Gift box with carrying case & two “AA” 1.5V batteries.

DT-338 Mini AC/DC Clamp Meter



Model 338



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



The 338 is new designed to verify the presence of load current, voltage and resistance, etc. The small bodies and jaw fit perfectly in your hand and a large backlit display is easy to read.

Features

- 0.8” Small jaw size (20mm)
- 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.
- 4000 Counts LCD display
- Auto power off & Data hold function
- Peak hold, Max/Min hold and Relative functions
- Advanced functions include Capacitance, Frequency

Specifications

Function	Max. Range	Max. Resolution	Basic Accuracy
Current AC	80A	1mA	±(2.5%+5d)
Current DC	80A	1mA	±(2.5%+4d)
Voltage AC	400mV~600V	0.1mV	±(2.0%+4d)
Voltage DC	400mV~600V	0.1mV	±(1.5%+3d)
Resistance	400Ω~40MΩ	0.1Ω	±(1.5%+2d)
Frequency	5Hz~10MHz	0.001Hz	±(1.2%+3d)
Capacitance	40mF	0.001nF	±(3.5%+10d)
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.

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 Φ15mm 100A	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: , Test leads, Gift box with carrying case and 9V battery.

DT-9810H Mini AC Leakage Current Tester with LPF Measurement

- Shielded transformer jaw opens to 1.2” (30mm)
- 100µA high resolution
- Low pass filter (LPF) for accurate measurement
- 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 CATIII 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

Function	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



Model 9812



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



DT-9810H Mini AC Leakage Current Tester with LPF Measurement



Model 9810H



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



2000A Power Quality Clamp Meters with 80x80 InfraRed Thermal Imager



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



9583/9585 integrates clamp meter, power measurement, oscilloscope display, data recording and harmonic analysis into one measuring equipment, suitable for various on-site power testing, electronic circuit maintenance, network power quality evaluation, three-phase power measurement and harmonic analysis, using bright color display. Built-in power quality records, trend analysis, etc., convenient for users to measure and use.

Features

- 2.4" TFT color 6000 counts display with 240x320 pixels for easy and clear viewing of images and readings
- Built-in Thermal imager feature quickly identifies hot spots without contact (9585)
- True RMS measurement for ACV / ACA / LoZ for ACV measurement
- Low pass filter for accurate measurement of variable frequency drive (VFD) signals
- 1.4" (37mm) Large jaw opening
- Flexible current probe (320B/320BS optional) expands the measurement range to 3000 ACA
- AC, AC+DC True RMS measurement & 1KHz ACV, ACA bandwidth
- Peak Voltage & Inrush current
- Min/Max/Avg with Time stamp (records signal fluctuations)
- With Bluetooth connect to phone App for documentation reporting and sharing
- Display waveform and trend graph
- Double molded plastic housing for safe testing and flashlight for dark location
- Harmonic failure analysis & Three-phase energy measurement
- Analyze and record harmonics in digital or graphical form

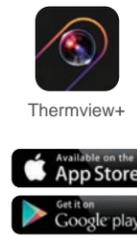
Specifications

		9583	9585
Thermal Imager			
IR resolution	80x80 pixels		*
Field of View (FOV)	21° x 21°		*
Thermal sensitivity/NETD	< 0.08°C / 80mK		*
Image frequency	50Hz		*
Object temperature range	-20 to 260°C (-4 to 500°F)		*
Spectral range	8-14 μm		*
Color palettes	Iron/Rainbow/Grey/Grey Inverted/Feather		*
Accuracy	±2°C (±3.6°F) or ±2% of reading		*
True RMS Multimeter Functions			
Function	Maximum	Max. resolution	Best Accuracy
Voltage DC	1500V	100mV	±(0.5% + 5d)
Voltage AC	1000V	100mV	±(1.2% + 5d)
Current DC	2000A	0.01A	±(2% + 8d)
Current AC	2000A	0.01A	±(2.5% + 5d)
Flexible A	3000A	0.01A	±(3.0% + 5d)
Resistance	60MΩ	0.1Ω	±(0.8% + 5d)
Frequency	10kHz	0.01Hz	±(0.2% + 5d)
Inrush Current	2000A	1A	
Temperature	1000°C/1832°F		±(1.5%+3°C)
Diode & Continuity	Yes		
Voltage and Current Harmonics			
Harmonic order	DC	±(5.0%+20d)	
Fundamental frequency (45Hz ~65Hz)	H1~H25	±(5.0%+10d)	
	H25~H30	±(10%+5d)	
	THD%	±(8.0%+10d)	
Power			
DC Power	999.9KW	±(3.5%+5d)	
Active AC Power	999.9KW	±(2.0%+5d)	
Apparent AC Power	999.9KVA	±(2.0%+5d)	
Active Energy AC	999.9KWh	±(2.0%+5d)	
Power Factor	-1.0 ~ 0, 0 ~ 1.0	±(3% + 1d)	
Displacement power factor	0.3~1	±3°	

- TFT color LCD display
- 6000 counts



Model 9585



Model 9583

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

Size(HxWxD): 95mm x 270mm x 42mm Weight: 550g
Accessories: Test leads, gift box with carrying case, Temperature probe Li-ion rechargeable battery, AC Charger

AC/DC True RMS H&W analysis Clamp Meter



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

EN 61010-1
CAT III
1000V

EN 61010-1
CAT IV
600V



9382W AC/DC power quality True RMS clamp meter measure power and power factor, total harmonic distortion, individual harmonics, as well as AC/DC voltage, current, capacitance, inrush current analysis, and phase sequence. The low pass filter enables voltage and current measurements on variable frequency drives. It allows quick selection of the numerous measurement features on the large RGB display.

Fast response time
True RMS

TFT color LCD display
PC Calibration

- Double molded plastic housing
- True RMS measurement for ACV & ACA
- Power and power factor harmonic distortion tester

Features	
Current measurement	
6000 Counts display	
1.8" TFT color LCD	
AC True RMS	
Data Hold & Peak Hold	
Max /Min Hold	
REL (Zero) Function	
Flashlight and Backlight	
Auto Power Off	
Low battery indication	
100ms Inrush current	
Low input impedance prevents false readings due to "ghost voltage" (LoZ)	
Low pass filter for accurate measurement of variable frequency drive (VFD) signals	
1.9" (48mm) Jaw opening	
AC, AC+DC True RMS measurement & 1KHz ACV, ACA bandwidth	
Logging function with Trend capture for easy review of logged data	
Analyze and record harmonics in digital or graphical form	
NCV Function	
Bluetooth interface	

Specifications		
Function	Max Range	Basic Accuracy
AC True RMS Current	1000A	±(2.5%+8d)
DC Current	1000A	±(2.0%+5d)
DC Voltage	1000V	±(0.5%+2d)
AC True RMS Voltage	1000V	±(1.0%+5d)
Resistance	60.00MΩ	±(3.0%+5d)
Capacitance	100mF	±(2.5%+5d)
Frequency	10kHz	±(0.5%+2d)
Duty Cycle	0.5%~99.9%	±(1.2%+10d)
Temperature	-20°C~1000°C, -4 °F~1832°F	±(1.0%+3d)
Inrush Current	1000A	±(2.5%+2d)
Diode test	Forward DCA is approx. 1mA, open circuit Voltage MAX. 3V	
Continuity check	Buzzer sounds at 50Ω	
Voltage and Current Harmonics		
Harmonic order	DC	±(5.0%+20d)
Fundamental frequency (45Hz ~65Hz)		±(5.0%+10d)
	THD%	±(8.0%+10d)
Power		
DC Power	999.9KW	±(3.5%+5d)
Active AC Power	999.9KW	±(2.0%+5d)
Apparent AC Power	999.9KVA	±(2.0%+5d)
Active Energy AC	999.9KWh	±(2.0%+5d)
Power Factor	-1.0 ~ 0, 0 ~ 1.0	±(3% + 1d)

Size(HxWxD): 250mm x 78mm x 40mm Weight: 350g
Accessories: Test leads, gift box with carrying case, Temperature probe and 1.5V AAA x 3 batteries.

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

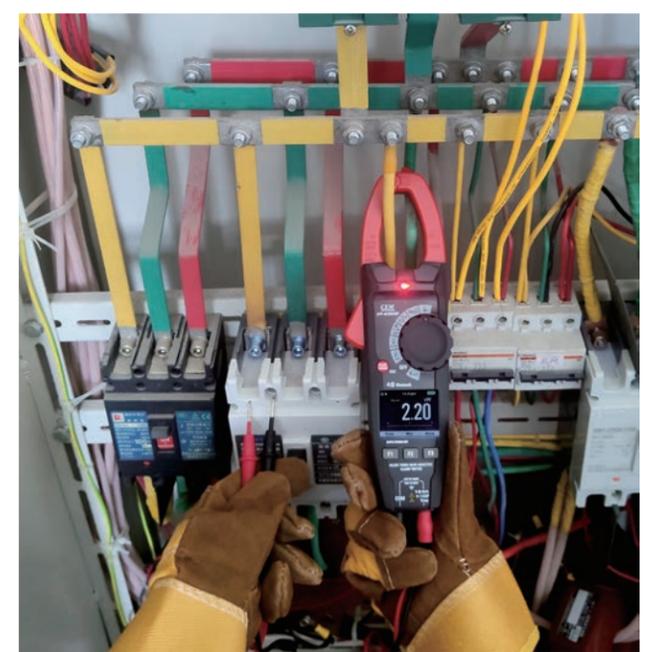
EN 61010-1
CAT III
1000V

EN 61010-1
CAT IV
600V

Meterbox Pro



Model 9382W



3351 are True RMS 1500A AC/DC Clamp Meters, 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 voltage accuracy within the reach of more customers. The large LCD display with analog bargraph and backlight ensures that readings are easy to read under all circumstances.

This series can test the current for motors, lighting, etc. is easy with their rush current function. All inputs are protected by EN 61010-1 CATIV 600V/CATIII 1000V.



Model 3351

- Peak Hold Function
- Inrush current measurement

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



Model 3352



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



Features		
	3351	3352
Current measurement	AC/DC	AC/DC
Power clamp meter		*
LCD display counts	40000	40000
AC True RMS	*	*
Display with backlight	*	*
Inrush current measurement	*	*
Max /Min, Data Hold	*	*
REL (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	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)	*	*
Voltage AC	750.0V	±(0.5%+5d)	*	*
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.



3349W/3349W-BT 1000A AC/DC power quality True RMS clamp meter measure power and power factor, total harmonic distortion, individual harmonics, as well as AC/DC voltage, current, capacitance, inrush current analysis, and phase sequence. The low pass filter enables voltage and current measurements on variable frequency drives. It allows quick selection of the numerous measurement features on the large LCD display.

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



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

Drop-proof to 2M



Features	
True RMS	
Non-contact voltage detection	
Inrush current measurement for motors	
Low pass filter for variable frequency drives	
Continuity Beeper	
Min, Max and Smart Data Hold, Peak hold	
Auto torch-light when clamping	
Large 10,000 count display with active backlight and analog bar graph	
Auto Power Off	
Maximum jaw opening 1.63" (42mm)	
CAT IV 600 V /CAT III 1000 V safety standard	
Bluetooth interface (3349W-BT)	
Meterbox iMM & cloud service	

Specifications			
Function	Max Range	Max. Resolution	Basic Accuracy
AC True RMS Current	60.00A	100mA	±(2.5% +8d)
	1000A	1A	±(3% +8d)
DC Current	60.00A	100mA	±(2.5% +0.2A)
	1000A	1A	±(3% +8d)
DC Voltage	600.0mV, 6.000V, 60.00V, 600.0V, 1000V	0.1mV	±(0.8% +20d)
AC True RMS Voltage	6.000V, 60.00V, 600.0V, 1000V	1mV	±(1.0% +5d)
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ, 600.0kΩ, 6.000MΩ, 60.00MΩ	0.1Ω	±(1% +4d)
	6.000nF, 60.00nF, 600.0nF, 6.000uF, 60.00uF, 600.0uF, 6000uF	1pF	+(5% +30d)
Frequency	6.000Hz, 60.00Hz, 600.0Hz, 6.000KHz, 60.00KHz, 600.0KHz, 10MHz	0.001Hz	+(1.0% +5d)
	10Hz to 10kHz, 40Hz to 100Hz		±(1.0% +5d)
Duty Cycle	0.5%~99.9%	0.1	+(1.2% +10d)
Temperature	-50°C~1000°C, -58 °F~1832°F	0.1 °C/ °F	+(3% +5°C/ 9°F)
Total Harmonic Distortion	99.9%	0.1%	±(3% + 10d)
Harmonic distortion measurement	99.9%	0.1%	±(5% + 10d)
Active Power	999.9KW		A.error x V.reading + V.error x A.reading
Power Factor	-1.0 ~ 0, 0 ~ 1.0		±(3% + 1d)
Diode test	Forward DCA is approx.1mA, open circuit Voltage MAX . 3V		
Continuity check	Buzzer sounds at 50Ω		

Size(HxWxD): 230mm x 76mm x 40mm

Weight: 315g

Accessories:

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



Model 3349W



Meterbox Pro



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



1000A True RMS

DC/AC True Power to 750kW



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



Features

- Analysis for Single Phase and Balanced 3 phase system
- True RMS Value (Voltage and Current)
- Large dual LCD Display with Backlight
- USB interface
- Data Hold , MIN / MAX measurement
- True power / apparent power / power factor measurement
- Auto Ranging & Auto Power Off
- Overflow Indication
- 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, 9V battery, USB Cable and CD Software.

Model 3353

DT-3348 True RMS 1000A AC/DC Watt Clamp Meter



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



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 and 9V battery

Model 3348

Features

- AC/DC Current
- 2" (52mm) Clamp jaw opening
- 60,000 Counts LCD digital display
- CAT IV 1000V Electronic overload protection
- A AC+DC, V AC+DC True RMS measurements
- Analog Bargraph/segments
- Inrush current measurement & MAX/ MIN
- Data Hold & Peak Hold function
- Flash light & Black light function
- DCA Zero function
- NCV Detection
- Auto Power Off & Low battery indication
- THDf / THDr 25th harmonic
- Phase rotation indication
- Bluetooth data transmission
- Low pass filter

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution
AC Current	2000 A	±(2.5%+5d)	1A
DC Current	2000 A	±(3.0%+4d)	1A
AC Voltage	1000V	±(0.8%+2d)	0.1mV
DC Voltage	1000V	±(1.0%+4d)	0.1mV
Resistance	60MΩ	±(1.0%+4d)	0.1Ω
Capacitance	10mF	±(3.0%+5d)	0.01nF
Electronic Frequency	100kHz	±(1.2%+3d)	0.01kHz
Temperature	1000°C/1832°F	±(3.0%+5d)	1°C/°F
Total Harmonic Distortion	99.9%	0.1%	±(3% + 10d)
Harmonic distortion measurement	99.9%	0.1%	±(5% + 10d)
Active Power	999.9KW		A.error x vreading + V.error x A.reading
Power Factor	-1.0 ~ 0, 0 ~ 1.0		±(3% + 1d)
Continuity check	Buzzer sounds at 50Ω		
Diode test	Test current <0.5mA Max 3V		

Size(HxWxD): 308mm x 97mm x 47mm **Weight:** 732g

Accessories: 1.5V AA x 3 batteries, Temperature probe, test leads and gift box with carrying case

Model 3399

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.

Model 3355



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



Earth Ground Clamp Meter



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



DT-9399 Earth Ground Clamp Meter is easy to use and high accuracy for testing the grounding components of equipment in hard-to-reach spaces, including areas that are indoors or fully paved and do not permit driving auxiliary test stakes. Stay on line—identify ground loop resistance no need to disconnect and reconnect the earth electrode from the system.

Features

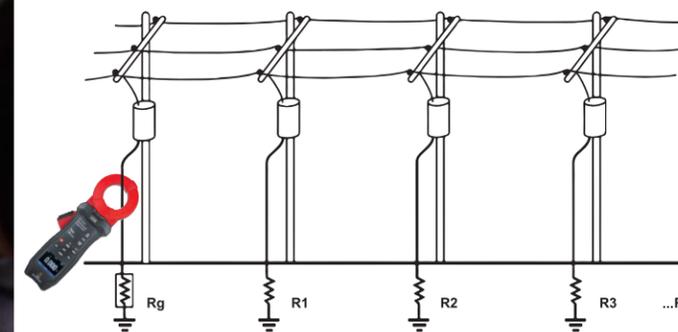
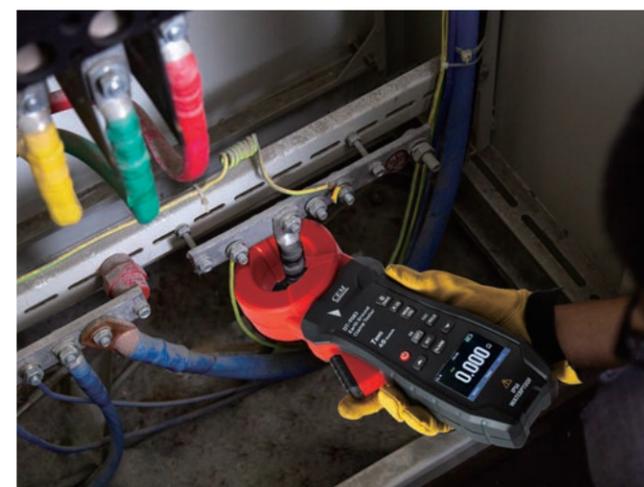
- Easy to use, highly accurate and an industry standard grounding components of equipment in hard-to-reach spaces.
- AC Leakage Current Measurement: Identify AC leakage without disconnecting your earth ground stake from the grounding system
- Rugged: Heavy-duty clamp jaw stay in alignment and calibration on tough jobsites Logging measurement.
- Saves up to 32,760 measurements in memory

Specifications

Function	Range	Resolution	Accuracy
Earth ground loop resistance	0.025 Ω to 0.249 Ω	-	1.5% + 0.02 Ω
	0.250 Ω to 0.999 Ω	-	1.5% + 0.05 Ω
	1.000 Ω to 9.999 Ω	-	1.5% + 0.10 Ω
	10.00 Ω to 49.99 Ω	-	1.5% + 0.30 Ω
	50.00 Ω to 99.99 Ω	-	1.5% + 0.50 Ω
	100.0 Ω to 199.9 Ω	-	3.0% + 1.0 Ω
	200.0 Ω to 399.9 Ω	-	5.0% + 5.0 Ω
	400 Ω to 1500 Ω	-	10.0% + 10 Ω
Earth ground leakage current mA	0.200 mA to 3.999 mA	1 μA	±2.0 % rdg ±0.05 mA
	4.00 mA to 39.99 mA	10 μA	±2.0 % rdg ±0.03 mA
	40.0 mA to 399.9 mA	100 μA	±2.0 % rdg ±0.3 mA
	4.00 A to 3.999 A	1 mA	±2.0 % rdg ±0.003 A
Display Reading Specification with Loop Resistance Standard	Input (Ω)	Maximum	Minimum
	0.474	0.531	0.417
	0.5	0.558	0.443
	10	10.45	9.55
100	104.0	96	

Size(HxWxD): 288mm x 95mm x 45mm Weight: 1260g

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



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



Meterbox Pro



Model 9399

Compact AC, AC/DC Autoranging Clamp Meters



Compact Clamp Meters Selection Guide



400A AC, AC/DC True RMS Clamp Meter

DT-9180 Series clamp meters provide fast A/D converting sampling time, high accuracy, offer all needed features for measurement. It is with modern design for perfect handhold and tight place testing. A large backlit display is easy to see and a handy data hold keeps measurements on the display.



1000A AC/DC True RMS Autoranging Clamp Meter

DT-356H offer all needed features for measurement, is designed to perform in the toughest environment and provide noisy-free, reliable results, to help you diagnose all kinds of electrical problems. Its compact design is well suitable for perfect handhold and measurement in tight and crowd place. True RMS measurement is for accurate reading of non-linear signals. Commercial and residential electricians use it to verify the present of load current, continuity of circuit, switches, fuse and contacts.



Compact AC, AC/DC Autoranging Clamp Meters

DT-371 series clamp meters offer all needed features for measurement. They have small bodies and jaws design for perfect handhold and tight place testing. A large backlit display is easy to see and a handy display hold keeps measurements on the display.



Mini AC, AC/DC Clamp Meters

FC-21/22 are compact mini amp clamp meters. they are specifically designed to reach into very small areas and has a very low-current sensitivity. This amp clamp performs essential troubleshooting tasks in plant maintenance, electrical, HVAC, and telecom work as well as residential, automotive, fleet maintenance, marine, and motorcycle electrical repair.



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.



The 9180A Series clamp meters providing fast A/D converting sampling time, high accuracy, offer all needed features for measurement. It is with modern design for perfect handhold and tight place testing. A large backlit display is easy to see and a handy data hold keeps measurements on the display.



Model 9180A



Model 9180H
(Single molded plastic housing)

• 400AAC
True RMS Clamp Meters

• True RMS measurement for ACV & ACA

• True RMS



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



Features	9180A	9180B	9180H
Current measurement	AC	AC	AC
Display counts	2000	4000	4000
AC True RMS	*	*	*
Low pass filter (VFD)		*	
Data Hold	*	*	*
Peak Hold /MAX/ MIN	MAX/ MIN	MAX/ MIN	MAX/ MIN
REL (Zero) Function		*	
Flashlight and Backlight	*	*	*
Auto Power Off	*	*	*
Low battery indication	*	*	*
1.18" (30mm) Jaw opening	*	*	*
NCV Function	*	*	*

Specifications	Max Range	Basic Accuracy	9180A	9180B	9180H
Voltage DC	1000V	±(0.5%+2d)	600V	*	600V
Voltage AC	1000V	±(1.0%+5d)	600V	*	600V
Voltage VFD	600V			*	
Current AC	400.0A	±(2.5%+8d)	*	*	*
Resistance	40MΩ	±(3.0%+5d)	*	*	*
Temperature	1000°C/ 1832°F	±(1.0%+3d)			*
Capacitance	100mF	±(2.5%+5d)		*	4mF
Frequency	ACV 10kHz	±(0.5%+2d)		*	*
Diode test	Test Current <0.5mA MAX 3V		2V	*	2V
Continuity check	Buzzer sounds at 50Ω				

Size(HxWxD): 225mm x 72mm x 40mm

Weight: 294g

Accessories: Test leads, gift box with carrying case, Temperature probe (9180H) and 1.5V AAA x 3 batteries



The 333H Series clamp meters provide fast A/D converting sampling time, high accuracy, offer all needed features for measurement. It is with modern design for perfect handhold and tight place testing. A large backlit display is easy to see and a handy data hold keeps measurements on the display. The turntable can be rotated for easy two-hand operation.

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

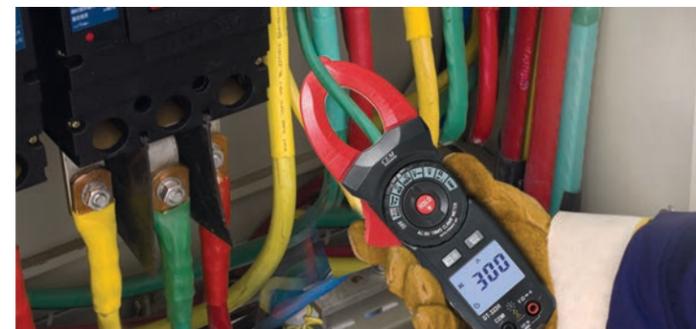
Features	333H	335H	336H
Current measurement	AC	AC/DC	AC/DC
Display counts	2000	4000	4000
AC True RMS	*	*	*
Low pass filter (VFD)			*
Data Hold	*	*	*
MAX/ MIN	*	*	*
REL (Zero) Function		*	*
Backlight/ Auto Backlight	*	*	*
Auto Power Off	*	*	*
Low battery indication	*	*	*
1.18" (30mm) Jaw opening	*	*	*
NCV Function	*	*	*
Live test		*	*

Specifications	Max Range	Basic Accuracy	333H	335H	336H
Voltage DC	600V	±(0.5%+2d)	*	*	*
Voltage AC	600V	±(1.0%+5d)	*	*	*
Voltage VFD	600V			*	*
Current DC	400.0A	±(2.0%+5d)		*	*
Current AC	400.0A	±(2.5%+8d)	*	*	*
Resistance	40MΩ	±(3.0%+5d)	20MΩ	*	*
Temperature	1000°C/ 1832°F	±(1.0%+3d)		*	*
Capacitance	100mF	±(2.5%+5d)		*	*
Frequency	ACV 10kHz	±(0.5%+2d)		*	*
Continuity check	Buzzer sounds at 50Ω				
Diode test	Test Current <0.5mA MAX 3V				

Size(HxWxD): 125mm x 65mm x 38mm

Weight: 284g

Accessories: Test leads, gift box with carrying case, Temperature probe (335H/336H) and 1.5V AAA x 3 batteries



• 400A AC, AC/DC
True RMS Clamp Meters

• True RMS



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



Model 333H



Model 335H

350H 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. Slender housing design is good to measure by 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.

- Double molded plastic housing
- Auto Power Off



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



Features

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

Specifications

Function	Max. Range	Max Resolution	Best Accuracy	350H	351H	352
Voltage DC	600V	100µV	±(0.5%+8d)	*	*	*
Voltage AC	600V	1mV	±(1.2%+3d)	*	*	*
Current DC	400A	10mA	±(2.5%+5d)	*	*	
Current AC	400A	10mA	±(2.5%+5d)	*	*	1mA
Resistance	40MΩ		±(2.0%+3d)	*	*	20MΩ
Temperature	760°C/1400°F		±(1.5%+5d)	*	*	*
Capacitance	4mF		±(3.0%+5d)	*	*	
Frequency	10kHz		±(1.2%+5d)	*		10kHz
Continuity check			Buzzer sounds at 50Ω			
Diode test			Test current 0.5mA			

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. They are small bodies and jaws design for perfect 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: 61010-02-032
EN: 61010-02-033



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

Features

	355	355H	356	356H	357	355W	356W
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC	AC	AC/DC
LCD display counts	6000	6000	6000	6000	40000	6000	6000
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	355H	356/356W	356H	357
Voltage DC	600V	±(0.5%+1d)	*	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*	*
Current DC	1000A	±(2.0%+5d)			*	*	*
Current AC	1000A	±(2.8%+8d)	*	*	*	*	*
Resistance	60MΩ	±(3.0%+5d)	*	*	*	*	*
Temperature	760°C/ 1400°F	±(3.0%+3d)	*	*	*	*	*
Capacitance	4000µF	±(2.5%+5d)		4mF	*	4mF	*
Frequency	10kHz	±(1.2%+2d)	*	*	*	*	*
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 356H



True RMS (363)

The 360 series clamp meters offer all needed features for measurement. They are small bodies and jaws designed 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: 61010-02-032
EN: 61010-02-033

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

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

Specifications	Function	Max Range	Basic Accuracy	360	361	362	363
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)	20MΩ	*	*	*	*
Temperature	1000°C/1832°F	±(3.0%+3d)		*	*	*	*
Capacitance	100uF	±(2.5%+5d)				*	40mF
Frequency	10MHz	±(1.2%+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 only) and 9V battery.



Model 360



Model 362



Model 363



370 clamp meter offers all needed features for measurement. They are small bodies and jaws designed 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.



Heavy Duty housing design

Drop-proof to 2M
True RMS (370T)

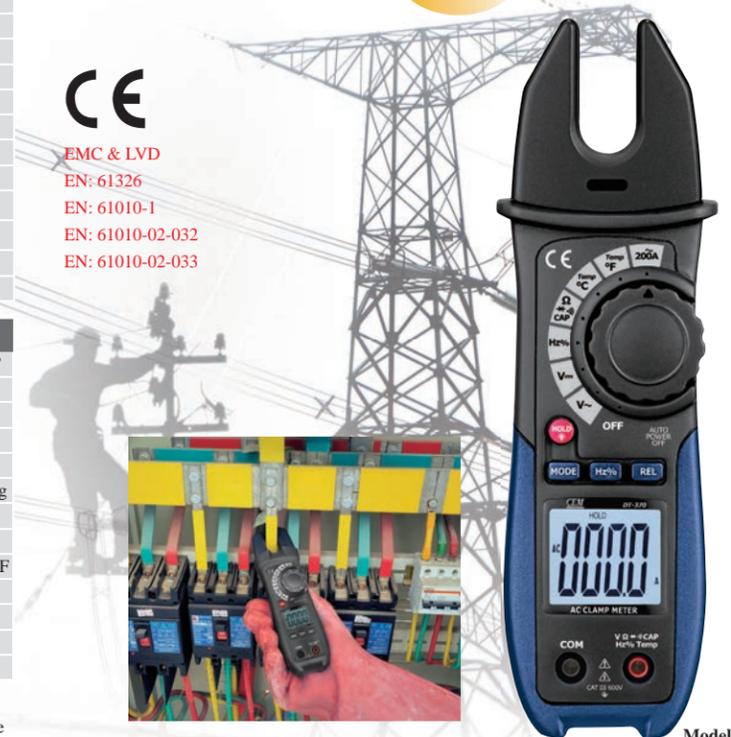


EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033

Features	370	370T
200A AC Current measurement	*	*
Digital display counts	4000	6000
Compact size	*	*
REL Function	*	*
Data Hold	*	*
Backlit Controls	*	*
Low battery indication	*	*
17mm Jaw opening	*	*
Auto sense Voltage		*
NCV	*	*
Low Z & True RMS		*

Specifications	Function	Max Range	Basic Accuracy	370	370T
Voltage DC	600V	±(1.5%+3d)		*	*
Voltage AC	600V	±(1.2%+3d)		*	*
Current AC	200A	±(3.5%+5d)		*	*
Resistance	40MΩ	±(3.0%+5d)		*	60Meg
Temperature	760°C/ 1400°F	±(3.0%+3d)		*	*
Capacitance	100uF	±(2.5%+5d)		*	6000uF
Frequency	10MHz	±(1.2%+2d)		*	*
Low Z	>150K			*	*
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 reach 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	*	*	*	*
Flashlight	*	*	*	*

Specifications	Function	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: 61010-02-032
EN: 61010-02-033



Model 383

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.

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



Non-Contact Voltage Detector

- Flashlight
- Digital Clamp Meter



Model FC-31



Model FC-33



Size(HxWxD): 178mm x 65mm x 32mm Weight: 170g
Accessories: Test leads, clamshell with carrying case and Two "AAA" 1.5V batteries.

Features	31	32	33	35	36
True RMS				*	*
AC/DC Voltage, Resistance, Continuity, Diode check				*	*
Digital display counts	2000	2400	2400	2000	2000-9999
0.7" Jaw opening	*	*	*	*	*
Non-contact Voltage detector and Flashlight	*	*	*	*	*
AC Current		*	*	*	*
DC Current		*	*	*	*
Data Hold function	*	*	*	*	*
MAX/MIN function	MAX			MAX	*
DCA Zero function		*	*	*	*
Peak Hold function					*
Auto Power Off	*	*	*	*	*
Low battery indication	*	*	*	*	*
Backlight Display		*	*	*	*

Specifications	Max Range	Basic Accuracy	Max. Resolution	31	32	33	35	36
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			*		
Frequency	200A	±(3.0%+8d)	100mA			*		*
	40-51Hz	±(1.2%+5d)	0.01Hz		*			
	51-510Hz	±(1.2%+3d)	0.1Hz		*			
Voltage DC	0.51-1kHz	±(1.2%+3d)	0.001kHz		*			
	600V	±(0.5%+1d)					0.2-600V auto	600.0V
Voltage AC	600V	±(1.5%+2d)					0.2-600V auto	600.0V
	20MΩ	±(3.0%+5d)					0.2k-20MΩ auto	999.9Ω
Diode	Open circuit voltage 1.5V, Test current 0.3mA (FC-35/36 only)							
Continuity	Buzzer sounds at 100Ω (FC-35/36 only)							
Non-contact Voltage detection	: 100-600VAC							

FC-21/22 Mini AC, AC/DC Clamp Meters



Model FC-21



Model FC-22

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

Features	FC-21	FC-22
Current measurement	AC	AC/DC
Inrush current measurement		*
Data Hold	*	*
DC zero function		*
Backlit LCD display	*	*
Non-contact AC voltage detection	*	*
Auto Power OFF	*	*

Specifications	Max Range	Resolution	Basic Accuracy	FC-21	FC-22
AC Current	40.00A AC	0.01A	±(3.5% + 10d)	*	*
50/60 Hz True RMS	400.0A AC	0.1A	±(2.8% + 8d)	*	*
AC Current	40.00A AC	0.01A	±(2.8% + 10d)	*	*
400 Hz True RMS	400.0A AC	0.1A	±(2.8% + 8d)	300A	*
DC Current	40.00A DC	0.01A	±(2.5% + 10d)		*
	400.0A DC	0.1A	±(2.8% + 8d)		*

Size(HxWxD):153mm x 57mm x27mm Weight: 138g
Accessories: clamshell & 2 x "AAA" batteries



The 371 series clamp meters offer all needed features for measurement. They are with small bodies and jaws designed 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.

- Double molded plastic housing
- Auto Power Off

True RMS (372H/373H/375/375BT)

1.2" (30mm) Jaw opening



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



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

Specifications	Max Range	Basic Accuracy	371	371B	371BL	372	372H	373	373H	375	375BT
Voltage DC	600V	±(0.5%+1d)	*	*	*	*	*	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*	*	*	*	*	*
Current DC	400A	±(2.0%+5d)	*	*	*	*	*	*	*	*	*
Current AC	400A	±(2.5%+4d)	*	*	*	*	*	*	*	*	*
Flexible A	3000A	±(3.0%+5d)									*
Resistance	40MΩ	±(3.0%+5d)	20MΩ	20MΩ	20MΩ	*	*	*	*	*	60MΩ
Temperature	1000°C/1832°F	±(3.0%+3d)		*			*	*	*	*	*
Capacitance	100uF	±(2.5%+5d)					4000uF	*	4000uF	4000uF	6000uF
Frequency	10MHz	±(1.2%+2d)					10kHz	*	10kHz	*	*
Continuity check	Buzzer sounds at 50Ω		*	*	*	30Ω	50Ω	30Ω	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(371B,372H/373H/ 375, 375BT only), 1.5Vx2 "AAA" batteries.



Model 371



Model 373



Model 375BT



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

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

High Resolution



Model 337

Features	337	339
Small jaw size	0.5"	0.7"
1mA high resolution	*	*
True RMS AC clamp-on multimeter		*
Type K Temperature function		*
Digital clamp meter 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	5000
Auto power off & Data hold function	*	*
Peak hold ,Max/Min hold and Relative functions		Max/Min
Advanced functions include Capacitance, Frequency		*
Flashlight		*

Specifications	Max. Range	Max. Resolution	Basic Accuracy	337	339
Current AC	80A	1mA	±(2.5%+5d)	*	*
Current DC	80A	1mA	±(2.5%+4d)	*	*
Voltage AC	400mV~600V	0.1mV	±(2.0%+4d)	*	*
Voltage DC	400mV~600V	0.1mV	±(1.5%+3d)	*	*
Resistance	400Ω~40MΩ	0.1Ω	±(1.5%+2d)	*	*
Frequency	5Hz~10MHz	0.001Hz	±(1.2%+3d)	*	*
% Duty	5%~99.9%	0.1%	±(1.2%+3d)	*	*
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 70mmx 37mm
Weight: 200g

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



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

Model 339

The 330H 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.

Features

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

Specifications

Function	Max Range	Basic Accuracy	330H	331H	332	333	335	336
Voltage DC	600V	±(0.5%+1d)	*	*	*	*	*	*
Voltage AC	600V	±(1.5%+2d)	*	*	*	*	*	*
Current DC	400A	±(2.5%+5d)			*	*	*	*
Current AC	400A	±(3.0%+4d)	*	*	*	*	*	*
Resistance	20MΩ	±(3.0%+5d)	*	40MΩ	40MΩ	40MΩ	40MΩ	40MΩ
Temperature	1000°C/1832°F	±(3.0%+3d)		*		*	*	*
Capacitance	100uF	±(2.5%+5d)		4mF	*	*	*	*
Frequency	150KHz	±(1.2%+2d)		10kHz	*	*	*	*
	10MHz							
Continuity	Buzzer sounds at 100Ω		50Ω	50Ω	*	*	*	*
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 (331H, 333, 335 only) and Two "AAA" 1.5V batteries.



Model 330H



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



DT-9809 AC Leakage Current Tester

AC leakage current tester 9809 is a multifunction clamp meter with very good resolution of 10uA. It is very useful for power system to 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



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



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		

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

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



1000A AC, AC/DC Clamp Meter

1.2" (30mm) Clamp jaw opening

3340 Series 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.

- Electronic overload protection
- Data Hold function
- DCA Zero function
- Low battery indication
- Auto Power Off



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



Model 3341



Features

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

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3340	3341	3343
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	20M	*	*
Capacitance	40mF	±(3.0%+5d)	0.01nF		100μF	100μF
Frequency	10MHz	±(1.2%+3d)	0.01MHz		*	100kHz
Duty Cycle	99.9%	±(1.2%+3d)	0.1%		*	*
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; two "AAA" batteries(3340) and temperature probe (3341/3343)



Model 3311

Model 3312

Model 3315



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



3309 Series Professional 1000A/2000A AC, AC/DC 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.

Features

	3309	3310	3311	3312	3313	3315	3316
Current measurements	AC	AC	AC	AC	AC/DC	AC/DC	AC/DC
True RMS measurements	*					*	*
Digital display counts	2000	4000	4000	4000	4000	4000	4000
Electronic overload protection	*	*	*	*	*	*	*
Continuity buzzer & Diode check	*	*	*	*	*	*	*
Data Hold function	*	*	*	*	*	*	*
Peak Hold							*
MAX/MIN	*						
DCA Zero function					*	*	*
Auto Power Off	*	*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*	*
Display with backlight	*	*	*	*	*	*	*
2.16" (55mm) Clamp jaw opening	*	*	*	*	*	*	*

Specifications

Function	Max Range	Basic Accuracy	Max. Resolution	3309	3310	3311	3312	3313	3315	3316
AC Current	2000A	±(2.5%+5d)	100mA 10mA	600A	1000 A	1000 A	*	*	*	*
DC Current	2000A	±(2.5%+5d)	100mA						*	*
AC Voltage	1000V	±(1.0%+4d)	0.1mV	750V	*	*	*	*	*	*
DC Voltage	1000V	±(0.5%+4d)	0.1mV	*	*	*	*	*	*	*
Resistance	40MΩ	±(1.0%+2d)	0.1Ω	20MΩ	*	*	*	*	*	*
Frequency	10MHz	±(1.2%+2d)	0.001Hz		*	*	*	*	*	*
Capacitance	40mF	±(3.0%+5d)	0.01nF		*	*				

Size(HxWxD): 270mm x 107mm x 50mm Weight: 554g
Accessories: Test leads, gift box with carrying case, 9V battery.



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: 61010-02-032
EN: 61010-02-033



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

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



EMC & LVD
EN: 50081-1, 50082-1
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033

Model CP-09



Model CP-1000

Model CP-12



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



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-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)



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

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

AC-008/008S Line Splitter

Measuring AC current on a 2-wire or 3-wire power cord to 15A. Providing easy and safe measurements of current without the need to separate the conductors. Plugging the power connector into the line splitter separates the hot/live conductor from the neutral. Features voltage check function.

Size(HxWxD): 210mm x 48mm x 38mm
Weight: 230g



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



Model AC-008S

Model AC-008