

Токовые клещи DT-9280/9281/9282, DT-9380/9380A/9381/9381A/9382, DT-9481/9581

Технические характеристики

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



Model 9282

- Fast response time
- True RMS

- PC Calibration
- Double molded housing



Model 9281



Meterbox Pro



CEM DT-9280/9281/9282 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 clear backlit display (on most models) 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)

Features

	9280	9281	9282
Current measurement	AC	AC/DC	AC/DC
Display counts	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			*
Fast response time	*	*	*
LoZ Voltage measurement			*
NCV Function	*	*	*

Specifications

Function	Max Range	Basic Accuracy	9280	9281	9282
Voltage DC	1000V	$\pm(0.5\%+2d)$	*	*	*
Voltage AC	1000V	$\pm(1.0\%+5d)$	*	*	*
Current DC	600.0A	$\pm(2.0\%+5d)$		*	*
Current AC	600.0A	$\pm(2.5\%+8d)$	*	*	*
Resistance	60M Ω	$\pm(3.0\%+5d)$	*	*	*
Temperature	1000°C/ 1832°F	$\pm(1.0\%+3d)$	*	*	*
Capacitance	100mF	$\pm(2.5\%+5d)$	*	*	*
Frequency	100kHz	$\pm(0.5\%+2d)$	*	*	*
Inrush Current	600.0A	$\pm(1.5\%+2d)$	*	*	*
Continuity check	Buzzer sounds at 50 Ω				
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



DT-9380/9380A/9381/9381A/9382

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

CEM



The 9380/9381/9382/9383 series clamp meters provide 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 perfect handheld and tight place testing. A large backlit display (on most models) 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 (9383)

Features

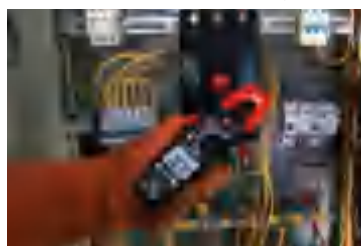
	9380	9380A	9381	9381A	9382
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC
Display counts	4000	6000	4000	6000	6000
1.8" TFT color LCD display counts					*
AC True RMS	*	*	*	*	*
10kHz bandwidth (voltage/current)					
Data Hold & Peak Hold		*		*	*
Max /Min Hold	*		*		*
REL (Zero) Function			*	*	*
Flashlight and Backlight	*	*	*	*	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		*		*	*
1.9" (48mm) Jaw opening	*	*	*	*	*
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
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 (9380/9381/9380A/9381A) Li-ion battery, Software(9382/9383) Flexible clamp (9382)



- Fast response time
- True RMS

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



Model 9381



Model 9380



Flexible clamp (optional)
Model DT-320BS



Model 9382

DT-9481/9581

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

CEM



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

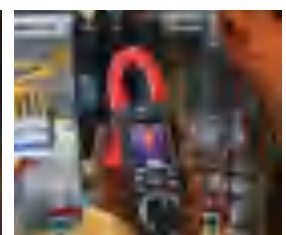
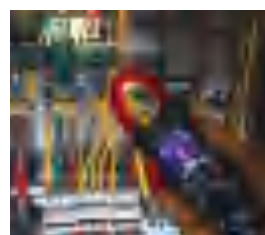


Model 9581

Model 9481



Thermview+





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