

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

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



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 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)



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



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



Features	9380	9380A	9381	9381A	9382	9383
Current measurement	AC	AC	AC/DC	AC/DC	AC/DC	AC/DC
Display counts	4000	6000	4000	6000	6000	50000
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	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.	20 times/sec.
100 Graph Data review					*	*
NCV Function	*	*	*	*	*	*

Specifications	Max Range	Basic Accuracy	9380	9380A	9381	9381A	9382	9383
Voltage DC	1000V	±(0.5%+2d)	*	*	*	*	*	±(0.09%+2d)
Voltage AC	1000V	±(1.0%+5d)	*	*	*	*	*	±(0.5%+5d)
Current DC	1000A	±(2.0%+5d)			*	*	*	±(2.0%+5d)
Current AC	1000A	±(2.5%+8d)	*	*	*	*	*	±(2.5%+8d)
ACA flexible	3000A	±(2.5%+8d)			*	*	*	±(2.5%+8d)
Resistance	60MΩ	±(3.0%+5d)	40MΩ	*	40MΩ	*	*	±(2.0%+5d)
Temperature	1000°C/ 1832°F	±(1.0%+3d)	*	*	*	*	*	±(1.0%+3d)
Capacitance	100mF	±(2.5%+5d)	*	*	*	*	*	±(2.5%+5d)
Frequency	10kHz	±(0.5%+2d)	*	*	*	*	*	±(0.5%+2d)
Inrush Current	1000A	±(2.5%+2d)		*	*	*	*	±(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 (9383)

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Model 9380

Model 9381

Flexible clamp (optional)  
Model DT-320BS

Model 9382