

DT-9180C/9180D/9180/9181H/9181/9182

Compact 400A AC, AC/DC True RMS Clamp Meters with NCV Detector

CEM



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)