DIGITAL CLAMP METER

PCE-DC 41



- **Voltage: 6V AC/DC**
- **Current: 6 A AC/DC**
- **Electrical Resistance: 1 Ω**
- **Clamp mechanism**
- **Continuity check**
- **Peak- and data-hold function**
- **Measuring leads included in the package**
- **4-digit display**
- **Display backlight**
- **Auto power-off**

The clamp meter can measure voltages up to 600V, currents up to 600 A and electrical resistance up to 1000 Ω. To perform a measurement, you can either use the measuring leads, which are included in the package of the clamp meter, or you can use the integrated clamp mechanism. By using the clamp of the clamp meter, you are able to measure the electrical parameters of an electrical conductor contact-free and without disconnecting it. You can also check the continuity with the clamp meter.
Due to its compact design and light weight, the device is well-suited for mobile use. When using the clamp mechanism, it is also possible to run the clamp meter with one hand only. The measured data is shown on the large backlit 4-digit display. By using the peak-hold or data-hold function, you can also freeze the readings on the display. The auto power-off function saves battery power, when the device is not in use.

Specification

Direct voltage DC	
Measuring range	0 ... 600 V
Resolution	0,1 V
Accuracy	±1% +2 digits
Direct current DC	
Measuring range	0 ... 60 A
Resolution	0,01 A
Accuracy	±2% +5 digits
Direct current DC	
Measuring range	0 ... 600 A
Resolution	0,1 A
Accuracy	±2% +5 digits
AC voltage	
Measuring range	0 ... 600 V
Resolution	0,1 V
Accuracy	± 1.2% ± 5 Digits
Frequency range	50 ... 500 Hz
Alternating current AC	
Measuring range	0 ... 60 A
Resolution	0,01 A
Accuracy	±2.0% +5 digits
Frequency range	50 ... 60 Hz
Alternating current AC	
Measuring range	0 ... 600 A
Resolution	0,1 A
Accuracy	±3.0% +5 digits
Frequency range	60 ... 500 Hz
Resistance	
Measuring range	0 ... 1000 Ω
Resolution	0,1 Ω
Accuracy	±1% +2 digits

General technical data	
Measuring functions	HOLD
Display Typ	LCD
Display size	1,6 Inch
Measuring rate	3 x per second
Maximum cable diameter	25 mm
Operating time	50 h
Automatic power-off	30 min.
Dimensions	Max. pliers opening Ø 25 mm
Menu language	English (US), English (GB)
Protection class (device)	IP20
Battery/battery	2 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese
Battery capacity	1200 mAh
Operating conditions	0 ... 40 °C , 0 ... 70 %RH
Storage conditions	-10 ... 60 °C , 0 ... 80 %RH
Dimensions (L x W x H)	210 x 62 x 36 mm
Weight	273 g

PCE Americas Inc. dba PCE Instruments
1201 Jupiter Park Drive, Suite 8
Jupiter, FL 33458
USA

Phone: +1-561-320-9162
info@pce-americas.com