



# Current Clamp PCE-DC1



**Current Clamp for measuring AC current, AC voltage, DC current and frequency  
(3 in 1) / Maximum aperture of clamps is 18 mm (.7 in)**

The PCE-DC 1 Current Clamp has been designed to detect, indirectly, AC/DC current and frequency. The Current Clamp has one white LED integrated to allow for the point of measurement to be illuminated, and a function to test the voltage without contact. The reduced dimensions of this device allow for measurements to be taken in places with limited access. The backlit display ensures that it is easy to read, even in places with limited light available, such as electrical cabinets or in cabling ducts. Testing voltage without contact helps when detecting dangerous power lines, and it allows makes it easier to detect the location of cuts in power lines.

- LCD with 3 2/3 positions, backlit, clamp for continuous current
- ▶ Measures AC/DC current, AC voltage and frequency
- ▶ Memory function, zero reset for the DCA, test voltage without contact
- ▶ Integrated flashlight
- ▶ Automatic range selection
- ▶ Auto shut-off
- ▶ Aperture of the clamp: 18 mm / .7 in

Subject to change

# Specifications

AC current (50/60 Hz)	Sector / resolution / accuracy 200 A / 100-mA / $\pm 3.0\%$ + 8 digits
DC current	Sector / resolution / accuracy 200 A / 100-mA / $\pm 2.8\%$ + 8 digits
AC test voltage (without contact)	100 VAC ... 600 VAC 50 / 60 Hz Sector / resolution / accuracy 40 ... 50 Hz / 0.01 Hz / $\pm 1.2\%$ + 5 digits 51 ... 510 Hz / 0.1 Hz / $\pm 1.2\%$ + 3 digits 0.51 ... 1 kHz / 0.001 kHz / $\pm 1.2\%$ + 3 digits
Frequency	
Illumination of the measurement area	white LEDs
Diameter of the conductor	Max. 18 mm / .7 in
Display	With white LEDs, backlit LCD with 3 2/3 positions
Power	2 AA batteries
Enclosure	PVC
Dimensions	155 x 66 x 31 mm / 6.1 x 2.6 x 1.2 in
Weight	155 g / < 1 lb

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