

Measure leakage current with CMP-200 Clamp Meter

Product features

- AC current measurement up to 200 A with resolution 0.1 mA
- three AC current measuring ranges: 200 mA, 2 A, 200 A
- pocket size and lightweight
- HOLD function
- MAX result hold function
- display LCD 3½ digits (max 1999 counts)

Overview

Sonel CMP-200 Clamp Meter is designed for leakage current measurement which allows to:

- detect faults,
- prevent damage,
- control the work of machines and devices.

Main field of application of this device are measurement of earth leakage current which may cause excessive tripping out RCDs.

The rubber coating prevents the device from slipping from the hand when working also with gloves. The backlit display allows reading results even in dark areas.

Application

- earth leakage current measurements
- monitoring control loops
- general AC load monitoring
- industrial troubleshooting





Special features

- white backlighting of display
- interior clamp diameter 30 mm (1.2")
- HOLD function, allowing for:
 - freezing the measurement result on the display
 - getting easy readings in hard to reach locations
- MAX function, freezing of maximum values
- automatic power-off when the instrument is not in use
- reinforced, impact resistant enclosure
- rotary switch for easy power-on and range selection



Facilitating the measurements

The AC-16 line splitter expands the application of the clamp meter. With the ratio x1 and x10, 230 V AC of voltage and max 16 A of current, the adapter can be applied with any type of clamp meter.

Technical specification

power supply of the meter	2 x 1.5 V battery, type AAA
display	1999 counts, LCD
indication of range overflow	'OL' symbol is displayed
clamp size	opening 1.2" (30 mm)
auto-off timeout	approx. 15 minutes
dimensions	7.2" x 2.4" x 1.3" (182 mm x 61 mm x 34 mm)
weight	0.5 lbs (225 g)
compliance with standards	EN 61010-1 EN 61010-2-032

AC current measurement

Range	Resolution	Accuracy
199.9 mA	0.1 mA	±(5% m.v. + 8 digits)
1.999 A	0.001 A	± (5% m.v. + 10 digits)
199.9 A	0.1 A	±(2.5% m.v. + 10 digits)

Nominal operating conditions

operating temperature and humidity	32...86°F (0...30°C) at humidity max 90% 86...104°F (30...40°C) at humidity max 75% 104...122°F (40...50°C) at humidity max 45%
storage temperature and humidity	-4...+140°F (-20...+60°C) at humidity max 80%
operating altitude	max. 10,000 ft (3,000 m)

Additional accessories



AC-16 line splitter
WAADAAC16



S1 carrying case
WAFUTS1