



# Digital clamp meter CMP-1010

index: WMGBCMP1010

**INRUSH  
CURRENT**



**CAT IV**

**600 V**

**CAT III**

**1000 V**

**IP30**

**BUILT-IN  
FLASHLIGHT**



### Modern clamp

The innovative shape means easier access in hard to reach and tight places. The clamp edging is equipped with a contactless voltage indicator sensor.



### Visibility in any conditions

Darkness in the workplace is not a problem thanks to the built-in flashlight.



### Multifunctional

The device is versatile due to many measurement options. In addition to the basic measurements, the instrument has special functions, including inrush current (INRUSH), max / min peak values (Peak MAX/ Peak MIN), relative value (REL), low-impedance voltage measurement (Low Z).



### Measurement of converters

The meter provides precise measurements **downstream of frequency converters** thanks to the **VFD** function.



### Robust design

With the help of the latest technologies, a compact instrument for working in the toughest conditions has been created. The rubber housing protects the device against accidental damage.



### Photovoltaics under close control

The AHV-3 adapter is used to measure high DC voltages (**up to 3000 V DC**) in collaboration with a master meter.

# Technical specifications

Measurement functions	Range	Resolution	Accuracy ±(% m.v. + digits)
AC current	up to 1000 A	from 0.1 A	from ±(2.5% m.v. + 8 digits)
DC current	up to 1000 A	from 0.1 A	from ±(2.5% m.v. + 5 digits)
AC voltage	up to 1000 V	from 0.001 V	±(1.5% m.v. + 5 digits)
DC voltage	up to 1000 V	from 0.1 mV	from ±(0.5% m.v. + 5 digits)
Low Z	up to 300.0 V	from 0.001 V	±(3.0% m.v. + 40 digits)
Resistance	up to 60.00 MΩ	from 0.1 Ω	from ±(1.0% m.v. + 4 digits)
Frequency	up to 99.99 kHz	from 0.001 Hz	±(1.2% m.v. + 5 digits)
Capacitance	up to 100.0 mF	from 0.01 nF	from ±(3.0% m.v. + 5 digits)
Duty cycle (%)	10.0...90.0%	0.1%	±(1.2% m.v. + 2 digits)
Temperature measurement	-20.0...+1000°C -4.0...+1832°F	0.1°C 0.1°F	±(3% m.v. + 5°C) ±(3% m.v. + 9°F)
Continuity / Diode test	✓ / ✓		
<b>Basic features</b>			
Counting		6.000 digits	
HOLD		✓	
Automatic range selection		✓	
<b>Advanced features</b>			
Current and voltage measurements downstream the inverter, frequency converter or in the VFD system		✓	
Inrush current		✓	
Non-contact voltage detector		✓	
Peak MIN / Peak MAX		✓ / ✓	
Relative measurement REL		✓	
TRMS measurement		✓	
<b>Other features</b>			
Auto-off		✓	
Battery indication		✓	
Integrated flashlight		✓	
Beeper		✓	
<b>Display</b>			
Type		segment-based LCD, 4 digits	
Display backlight		manual	
<b>Safety and conditions for use</b>			
Measuring category (EN 61010)		CAT IV 600 V CAT III 1000 V	
Ingress protection		IP30	
Dimensions		250 x 90 x 40 mm   9.8" x 3.5" x 1.6"	
Operating temperature		5...40°C   41...104°F	
Storage temperature		-20...+60°C   -4...140°F	

m.v. - measured value

## Standard accessories



**Set of test leads  
CAT IV, M**  
WAPRZCMP2



**Temperature  
measurement**  
  
**Probe (K-type)**  
WASONTEMK  
  
**Adapter**  
WAADATEMK



**3x LR03 AAA  
1,5 V battery**



**Basic case**



**Factory calibration  
certificate**

## Optional accessories



**Test lead 2 m  
with 10 A fuse  
CAT IV 1000 V  
black / blue / green  
/ red / yellow**  
  
WAPRZ002BLBBF10  
WAPRZ002BUBBF10  
WAPRZ002GRBBF10  
WAPRZ002REBBF10  
WAPRZ002YEBBF10

+



**Pin probe (banana  
socket) red / blue  
/ yellow / black  
B1 / black B3**  
  
WASONREOGB1  
WASONBUOGB1  
WASONYEOGB1  
WASONBLOGB1  
WASONBLOGB3



**Crocodile clip  
red / blue / yellow / black**  
  
WAKRORE20K02  
WAKROBU20K02  
WAKROYE20K02  
WAKROBL20K01



**Set of test leads  
CAT IV, S**  
WAPRZCMM1



**Set of test leads  
CAT IV, M**  
WAPRZCMM2



**Test lead with probe  
for CMM/CMP (set)**  
WAPRZCMP1



**Set of test leads  
for CMM/CMP**  
WAPRZCMX1



**AHV-3 adapter**  
WAADAHV3



**AC-16 line splitter  
(facilitates current  
measurements)**  
WAADAAC16



**Crocodile clip mini,  
1 kV 10 A (set)**  
WAKROKPL10MINI



**M13 carrying case**  
WAFUTM13



**Temperature  
measurement**  
  
**probe (K-type, bayonet)**  
WASONTEMP  
  
**probe (K-type, metal)**  
WASONTEMK2



**Calibration certificate  
with accreditation**