



Attachable flexible clamp

Enables AC current measurement up to 3000 A. Designed for easy installation on power busbars up to 160 mm diameter.



Improved 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 values, relative value (REL) and peak value (PEAK).



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.



**INRUSH
CURRENT**



CAT IV

600 V

CAT III

1000 V

IP40

**FLEXIBLE
CLAMP**

**BUILT-IN
FLASHLIGHT**

BLUETOOTH



Wireless communication

Transfer measurement data via Bluetooth, in „live“ mode, to the **Sonel Multimeter Mobile** application. This allows to record and store the results and include additional description or photos. You can also share measurement data as an e-mail attachment.

Technical specifications

Measurement functions	Range	Resolution	Accuracy ±(% m.v. + digits)
AC current			
flexible clamp	up to 3000 A	0.1 A	±(2.8% m.v. + 8 digits)
built-in clamp	up to 1000 A		
DC current	up to 1000.0 A	0.1 A	±(2.5% m.v. + 5 digits)
AC voltage	up to 1000.0 V	from 0.01 mV	±(1.0% m.v. + 9 digits)
DC voltage	up to 1000.0 V	from 0.01 mV	from ±(0.1% m.v. + 4 digits)
Resistance	up to 50.000 MΩ	from 0.01 Ω	from ±(1.0% m.v. + 4 digits)
Frequency	up to 10.000 MHz	from 0.001 Hz	±(0.3% m.v. + 2 digits)
Capacitance	up to 5000.0 μF	from 0.01 nF	from ±(3.5% m.v. + 9 digits)
Duty cycle (%)	5.0...95.0%	0.1%	±(1.0% m.v. + 2 digits)
Temperature measurement	-100.0...+1000°C	0.1°C	±(1.0% m.v. + 2°C)
	-148.0...+1832°F	0.1°F	±(1.0% m.v. + 3.6°F)
Continuity / Diode test	✓ / ✓		
Basic features			
Counting		50.000 digits	
HOLD		✓	
Automatic range selection		✓	
Advanced features			
Inrush current		✓	
Non-contact voltage detector		✓	
MIN / MAX		✓ / ✓	
PEAK HOLD		✓	
Relative measurement REL		✓	
TRMS measurement		✓	
Memory		in mobile application	
Bluetooth communication		✓	
Other features			
Auto-off		✓	
Empty battery indication		✓	
Integrated flashlight		✓	
Beeper		✓	
Display			
Type		segment-based LCD, 5 digits	
Display backlight		manual	
Safety and conditions for use			
Measuring category (EN 61010)		CAT IV 600 V CAT III 1000 V	
Ingress protection			
with connected test leads		IP20	
with connected flexible clamp		IP40	
Dimensions		230 x 76 x 40 mm 9.0" x 3.0" 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



Flexible clamp F-16

WACEGF16



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

WAPRZCMM2



**Temperature
measurement**

Probe (K-type)
WASONTEMK

Adapter
WAADATEMK



6LR61 9 V battery



Carrying 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



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

WAPRZCMP1



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

WAKROKPL10MNI



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

WAADAAC16



M13 carrying case

WAFUTM13



**Calibration certificate with
accreditation**



**Temperature
measurement**

probe (K-type, bayonet)
WASONTEMP

probe (K-type, metal)
WASONTEMK2