



### 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



BUILT-IN  
FLASHLIGHT



### 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)
<b>AC current</b>			
flexible clamp	up to 3000 A	0.1 A	±(2.8% m.v. + 8 digits)
built-in clamp	up to 1000 A		
<b>DC current</b>	up to 1000.0 A	0.1 A	±(2.5% m.v. + 5 digits)
<b>AC voltage</b>	up to 1000.0 V	from 0.01 mV	±(1.0% m.v. + 9 digits)
<b>DC voltage</b>	up to 1000.0 V	from 0.01 mV	from ±(0.1% m.v. + 4 digits)
<b>Resistance</b>	up to 40.000 MΩ	from 0.01 Ω	from ±(1.0% m.v. + 4 digits)
<b>Frequency</b>	up to 50.000 MHz	from 0.001 Hz	±(0.3% m.v. + 2 digits)
<b>Capacitance</b>	up to 5.0000 mF	from 0.01 nF	from ±(3.5% m.v. + 9 digits)
<b>Duty cycle (%)</b>	5.0...95.0%	0.1%	±(1.0% m.v. + 2 digits)
<b>Temperature measurement</b>	-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)
<b>Continuity / Diode test</b>	✓ / ✓		
<b>Basic features</b>			
<b>Counting</b>		50.000 digits	
<b>HOLD</b>		✓	
<b>Automatic range selection</b>		✓	
<b>Advanced features</b>			
<b>Inrush current</b>		✓	
<b>Non-contact voltage detector</b>		✓	
<b>MIN / MAX</b>		✓ / ✓	
<b>PEAK HOLD</b>		✓	
<b>Relative measurement REL</b>		✓	
<b>TRMS measurement</b>		✓	
<b>Memory</b>		in mobile application	
<b>Bluetooth communication</b>		✓	
<b>Other features</b>			
<b>Auto-off</b>		✓	
<b>Empty battery indication</b>		✓	
<b>Integrated flashlight</b>		✓	
<b>Beeper</b>		✓	
<b>Display</b>			
<b>Type</b>		segment-based LCD, 5 digits	
<b>Display backlight</b>		manual	
<b>Safety and conditions for use</b>			
<b>Measuring category (EN 61010)</b>		CAT IV 600 V CAT III 1000 V	
<b>Ingress protection</b>		IP40	
<b>Dimensions</b>		230 x 76 x 40 mm   9.0" x 3.0" x 1.6"	
<b>Operating temperature</b>		5...40°C   41...104°F	
<b>Storage temperature</b>		-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