



### Visibility in all conditions

Darkness at the workplace is not an issue thanks to the built-in flashlight. Automatic backlight of the display, buttons and rotary switch enables to carry out measurements in all lighting conditions.



### Unique design

Using the latest technologies, we have created a compact device for working in the toughest conditions. The rubber housing reduces the effects of liquid pollution and falls (IP67 ingress protection).



### Multifunctionality

CMM-30 multimeter provides unique versatility with its 11 basic measurement functions and additional features, including relative measurement, measurement of minimum, maximum and average values or peak value measurement.



### 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.



### Safety and comfort

Sonel CMM-30 meets the safety requirements of CAT III 1000 V / CAT IV 600 V. The ergonomic housing provides a firm grip and convenient function selection – also in protecting gloves.

CAT III

1000 V

CAT IV

600 V

IP67

BLUETOOTH

AUTO BACKLIGHT

BUILT-IN FLASHLIGHT

# Technical specifications

Measurement functions	Range	Resolution	Accuracy ±(% m.v. + digits)
AC voltage	up to 1000 V	from 0.001 V	from ±(1.0% m.v. + 5 digits)
DC voltage	up to 1000 V	from 0.1 mV	from ±(0.5% m.v. + 8 digits)
AC / DC current	up to 10.00 A	from 0.1 µA	from ±(1.0% m.v. + 3 digits)
Resistance	up to 60.00 MΩ	from 0.1 Ω	from ±(1.5% m.v. + 5 digits)
Low Z (AC / DC voltage)	up to 1000 V	from 0.001 V	from ±(3.0% m.v. + 5 digits)
Frequency	up to 9.999 kHz	from 0.001 Hz	±(1.0% m.v. + 5 digits)
Capacitance	up to 6000 µF	from 0.01 nF	from ±(3.0% m.v. + 5 digits)
Duty cycle (%)	20.0...80.0%	0.1%	±(1.2% m.v. + 2 digits)
Temperature measurement	-20...+760°C -4...+1400°F	0.1°C 0.1°F	±(1.0% m.v. + 5°C) ±(1.0% m.v. + 9°F)
Continuity / Diode test	✓ / ✓		
<b>Basic features</b>			
Counting		6000 digits	
HOLD		✓	
Manual / automatic range selection		✓ / ✓	
<b>Advanced features</b>			
MIN / MAX / AVG		✓ / ✓ / ✓	
AC+DC measurement		✓	
PEAK HOLD		✓	
Relative measurement REL		✓	
TRMS measurement		✓	
Memory		in mobile application	
Bluetooth communication		✓	
<b>Other features</b>			
Easy access to A / mA fuses		✓ / ✓	
Auto-off		✓	
Empty battery indication		✓	
Integrated flashlight		✓	
Beeper		✓	
<b>Display</b>			
Type		segment-based LCD, 4 digits	
Display backlight		automatic and manual	
<b>Safety and conditions for use</b>			
Measuring category (EN 61010)		CAT IV 600 V CAT III 1000 V	
Ingress protection		IP67	
Dimensions		170 x 75 x 48 mm	
Operating temperature		0...40°C	
Storage temperature		-20...+60°C	

## Standard accessories



**Set of test leads  
for CMM (CAT IV, M)**  
WAPRZCMM2



**Temperature  
measurement**

Probe (K-type)  
WASONTEMK

Adapter  
WAADATEMK



**2x watertight socket  
protection plug**



**4x LR03 AAA  
1.5 V battery**



**Standard carrying  
case**



**Calibration  
certificate**



**User manual**

## Optional accessories



**Set of test leads**  
CAT IV, S (for CMM)  
WAPRZCMM1



CAT IV (for CMP)  
WAPRZCMP1



**Temperature  
measurement**

Probe (K-type, bayonet)  
WASONTEMP

Probe (K-type, metal)  
WASONTEMK2



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

WAKROKPL10MINI



**M1 hanging  
hook straps**

WAPOZUCH1



**Universal magnetic  
hanging strap**

WAPOZUCH6



**S1 carrying case**

WAFUTS1



**Calibration cer-  
tificate issued  
by an accred-  
ited laboratory**

## Check other meters from the CMM family



**SoneI CMM-10**

- intuitive
- clear reading
- safe and economical
- basic measuring device



**SoneI CMM-11**

- durable
- versatile
- pocket
- for every electrician



**SoneI CMM-60**

- ultra-durable
- multi-purpose
- for special applications
- advanced troubleshooting



**SoneI CMM-40**

- precise
- handy
- extended functionality
- for industry

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