CAT III 1000 V

CAT IV 600 V

IP67

BLUETOOTH

AUTO BACKLIGHT

BUILT-IN FLASHLIGHT

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).

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.

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.

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.

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…+760ºC -4…+1400ºF	0.1ºC 0.1ºF	±(1.0% m.v. + 5ºC) ±(1.0% m.v. + 9ºF)
Continuity / Diode test	✓ / ✓		
Basic features			
Counting		6000 digits	
HOLD		✓	
Manual / automatic range selection		✓ / ✓	
Advanced features			
MIN / MAX / AVG		✓ / ✓ / ✓	
AC+DC measurement		✓	
PEAK HOLD		✓	
Relative measurement REL		✓	
TRMS measurement		✓	
Memory		in mobile application	
Bluetooth communication		✓	
Other features			
Easy access to A / mA fuses		✓ / ✓	
Auto-off		✓	
Empty battery indication		✓	
Integrated flashlight		✓	
Beeper		✓	
Display			
Type		segment-based LCD, 4 digits	
Display backlight		automatic and manual	
Safety and conditions for use			
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…40ºC	
Storage temperature		-20…+60ºC	

"m.v." - measured value

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 certificate issued by an accredited laboratory

Check other meters from the CMM family

Sonel CMM-10

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

Sonel CMM-11

- durable
- versatile
- pocket
- for every electrician

Sonel CMM-60

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

Sonel CMM-40

- precise
- handy
- extended functionality
- for industry