

CAT III

600 V

IP65

BUILT-IN FLASHLIGHT

BLUETOOTH



## Extremely durable and robust

In response to the needs of our customers, we have made the CMM-11 device resistant to accidental impacts that can lead to unit damage. The elastomer material used in the housing protects the unit if it is dropped and absorbs the shocks caused by such impacts.



## Protection against dust penetration and streams of water

The housing has been designed for use in the field. The IP65 degree provides protection the unit against dust penetration and accidental flooding with a stream of water.



## Good visibility in any conditions

Insufficient lighting where the measurements are being taken is not an obstacle anymore thanks to the integrated flashlight.



## Compact housing

Limited space in your tool box? It is not a problem with CMM-11. Thanks to the small dimensions, the unit even fits in your pocket.



## Wireless communication

The device can wirelessly send the results of measurements ("live" mode) to the mobile application – Sonel Multimeter Mobile. It enables the recording and storage of results, notes and photos can be added or files attached to e-mail messages later on.

# Pocket multimeter with a strong character

## Technical specification

Measurement functions	Range	Resolution	Accuracy ±(% m.v. + digits)
AC / DC voltage	up to 600 V	from 0.001 V	from ±(1.0% m.v. + 3 digits)
AC / DC current	up to 10.00 A	from 0.1 µA	from ±(1.0% m.v. + 3 digits)
Resistance	up to 40.00 MΩ	from 0.1 Ω	from ±(1.0% m.v. + 4 digits)
Frequency	up to 99.99 kHz	from 0.001 Hz	±(1.0% m.v. + 5 digits)
Capacity	up to 4000 µF	from 0.01 nF	from ±(3.0% m.v. + 5 digits)
Operating cycle (%)	✓	0.1%	±(1.2% m.v. + 2 digits)
Continuity / Diode test	✓ / ✓		
<b>Basic features</b>			
Counting		4.000 digits	
HOLD		✓	
Manual / automatic range selection		✓ / ✓	
<b>Advanced features</b>			
MIN / MAX		✓ / ✓	
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	
Display backlight		✓	
<b>Safety and conditions for use</b>			
Measuring category (EN 61010)		CAT III 600 V	
Ingress protection		IP65	
Dimensions		121 x 67 x 35 mm   4.8" x 2.6" x 1.4"	
Weight		206 g   0.45 lbs	
Operating temperature		5...40°C   41...104°F	
Storage temperature		-20...+60°C   -4...140°F	

## Standard accessories



Test leads  
set for CMM  
(CAT IV, S)  
WAPRZCMM1



2x LR03 AAA  
1,5 V battery



Factory calibration  
certificate

## Optional accessories



Set of test  
leads for CMM  
for CMM/CMP  
WAPRZCMP1  
CAT IV, M  
WAPRZCMM2



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



S1 carrying  
case  
WAFUTS1



Calibration  
certificate with  
accreditation