Sonel®

Digital Multimeter
CMM-11
index: WMGBCMM11

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.

Good visibility in any conditions

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

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.

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	✓ / ✓		
Basic features			
Counting		4.000 digits	
HOLD		✓	
Manual / automatic range selection		✓ / ✓	
Advanced features			
MIN / MAX		✓ / ✓	
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	
Display backlight		✓	
Safety and conditions for use			
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

"m.v." - measured value