

Industrial Multimeter CMM-30

index: WMGBCMM30

















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.



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.



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| AC voltage up to 1000 V from 0.001 V from ±(1.0% m.v. + 5 dig DC voltage up to 1000 V from 0.1 mV from ±(0.5% m.v. + 8 dig AC / DC current up to 10.00 A from 0.1 μA from ±(1.0% m.v. + 3 dig Resistance up to 60.00 MΩ from 0.1 Ω from ±(1.5% m.v. + 5 dig 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 dig | Measurement functions | Range | Resolution | Accuracy ±(% m.v. + digits) | |
|--|------------------------------------|--------------------------------|------------------|--------------------------------|--|
| AC / DC current up to 10.00 A from 0.1 µA from ±(1.0% m.v. + 3 dig feasistance up to 60.00 MΩ from 0.1 Ω from ±(1.5% m.v. + 5 dig feasistance) up to 1000 V from 0.001 V from ±(0.5% m.v. + 5 dig feasistance) up to 1000 V from 0.001 V from ±(0.0% m.v. + 5 dig feasistance) up to 9.999 kHz from 0.001 Hz ±(0.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.001 Hz ±(0.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.001 Hz ±(0.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF from 0.01 nF from ±(3.0% m.v. + 5 dig feasistance) up to 60.00 µF feasistance up to 60.00 µF fea | AC voltage | up to 1000 V | from 0.001 V | from ±(1.0% m.v. + 5 digits | |
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| Low Z (AC / DC voltage) up to 1000 ∨ from 0.001 ∨ from 4(3.0% m.w. + 5.digits) Frequency up to 9.999 kHz from 0.001 Hz ±(1.0% m.w. + 5.digits) Capacitance up to 6000 μF from 0.01 nF from 2(3.0% m.w. + 5 digits) Duty cycle (%) 20.0.80 0% 0.1% ±(1.2% m.w. + 2 digits) Temperature measurement -20−760°C 0.1°C ½(1.0% m.w. + 5°C) Continuity / Diode test √/√ Basic features | AC / DC current | up to 10.00 A | from 0.1 μA | from ±(1.0% m.v. + 3 digits | |
| Prequency | Resistance | up to 60.00 MΩ | from 0.1 Ω | from ±(1.5% m.v. + 5 digits | |
| Capacitance up to 6000 μF from 0.01 nF from ±(3.0 % m.v. + 5 dig) Duty cycle (%) 20.0.80.0% 0.1% ±(1.2% m.v. + 2 dig)ts, Temperature measurement 20.0.4760°C 0.1%°C ±(1.0% m.v. + 5 °C) Continuity / Diode test // / Basic features 6000 digits Counting 6000 digits HOLD √ Manual / automatic range selection √ / √ Advanced features √ / √ / √ MIN / MAX / AVG ✓ / √ / √ AC+DC measurement √ 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 backlight automatic and manual Safety and conditions for use CAT IV 600 V CAT III 1000 V | Low Z (AC / DC voltage) | up to 1000 V | from 0.001 V | from ±(3.0% m.v. + 5 digits) | |
| Duty cycle (%) 20.080.0% 0.1% ±(1.2% m.w. + 2 digits) Temperature measurement -204760°C 0.1°C ±(1.0% m.w. + 5°C) -4+1400°F 0.1°C ±(1.0% m.w. + 5°C) Salsaic features | Frequency | up to 9.999 kHz | from 0.001 Hz | ±(1.0% m.v. + 5 digits) | |
| Temperature measurement | Capacitance | up to 6000 μF | from 0.01 nF | from ±(3.0% m.v. + 5 digits | |
| Integrated flashlight Inte | Duty cycle (%) | 20.080.0% | 0.1% | ±(1.2% m.v. + 2 digits) | |
| 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 Display backlight Safety and conditions for use Measuring category (EN 61010) CAT IV 600 V CAT III 1000 V Ingress protection I P67 Dimensions 170 x 75 x 48 mm | Temperature measurement | | | | |
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| MIN / MAX / AVG AC+DC measurement AC+DC measureme | Manual / automatic range selection | √ /√ | | | |
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| Empty battery indication Integrated flashlight Beeper Display Type Segment-based LCD, 4 digits 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 | Easy access to A / mA fuses | √/√ | | | |
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| Measuring category (EN 61010) CAT IV 600 V CAT III 1000 V Ingress protection IP67 Dimensions 170 x 75 x 48 mm | Display backlight | automatic and manual | | | |
| Measuring category (EN 61010) Ingress protection IP67 Dimensions 170 x 75 x 48 mm | Safety and conditions for use | | | | |
| Dimensions 170 x 75 x 48 mm | Measuring category (EN 61010) | | | | |
| | Ingress protection | | IP67 | | |
| Operating temperature 040°C | Dimensions | | 170 x 75 x 48 mm | | |
| | Operating temperature | | 040°C | | |
| | | | | | |

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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 readingsafe and economical · basic measuring device



Sonel CMM-11

- durable
- versatile pocket
- for every electrician



Sonel CMM-60

- · ultra-durable
- multi-purposefor special applications
- · advanced troubleshooting



Sonel CMM-40

- handyextended functionality
- · for industry

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