

MEASURING EQUIPMENT

Digital multimeters MM 2

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German Cathodic Protection



Digital Multimeter with manual ranging MM 2

The MM 2 offers all advantages of a Digital multimeter with manual measuring range selection such as fast response time due to the manually selectable measuring ranges and easy handling due to color-marked measuring ranges.

The multimeter MM2 is provided with DC and AC voltage ranges of up to 1000 V_{DC}/750 V_{AC} as well as with DC and AC current ranges of up to 20 A. Further measuring functions are resistance measuring up to 20 MΩ as well as an acoustic continuity and diode test.

The MM 2 has an automatic switch-off function when not in use (approx. 30 min.) and a battery low voltage indication as well.

The included protective rubber holster makes it possible to use it under roughest environmental conditions. The measuring ranges of the MM 2 are protected against overload.



Accessories for multimeter MM



Set TA2

Ø 4 mm safety measuring lead set, silicone, 6-piece, red, black, professional design, CAT III 1000 V, consisting of:

- 2 x Ø 4 mm safety measuring leads, silicone, L = 100 cm, 19 A
- 2 x fully insulated crocodile clips with toothed jaws and fine wire surface, 32 A
- 2 x Ø 4 mm safety test probes, 20 A



Set TA3

Ø 4 mm safety measuring lead set, silicone, 8-piece, red, black, professional design, CAT III 1000 V, consisting of:

- 2 x Ø 4 mm safety measuring leads, silicone, L = 100 cm, 19 A
- 2 x fully insulated crocodile clips with toothed jaws and fine wire surface, 32 A
- 2 x safety test probes with slight tip made of stainless steel, 1 A
- 2 x safety claw gripper with strong claws, 16 A

Display	31/2 digit LC display (1999 pixels)
DC voltage:	200 mV/2 V/20 V/200 V/1000 V
Resolution/accuracy	max. 0.1 mV/max. ± 0.5 % + 2 digit
AC voltage	200 mV/2 V/20 V/200 V/750 V
Resolution/accuracy	max. 0.1 mV/max. ± 1.3 % + 5 digit
Measuring method	RMS value
DC current	200 µA/2 mA/20 mA/200 mA/20 A
Resolution/accuracy	max. 0.1 µA/max. ± 1.0 % + 2 digit
Over voltage protection	1 A, 16 A (500 V) fuse, fast
AC current	200 µA/2 mA/20 mA/200 mA/20 A
Resolution/accuracy	max. 0.1 µA/max. ± 1.5 % + 3 digit
Over voltage protection	1 A, 16 A (500 V) fuse, fast
Measuring method	RMS value
Resistance	200 Ω/2 kΩ/20 kΩ/200 kΩ/ 2 MΩ/20 MΩ
Resolution/accuracy	max. 0.1 Ω/max. ± 0.75 % + 2 digit
Continuity test	50 Ω, acoustic: buzzer, optic: LCD
Diode test	1.5 mA
Over voltage protection	750 V effective resp. 500 V effective
Range switching	manual ranging
Over voltage category	CAT III 600 V, CAT II 1000 V
Operation temperature	0 °C to + 50 °C
Dimensions (l x w x h)	192 x 95 x 50 mm
Weight	550 g
Battery type	9 V battery IEC 6LR61
Delivery includes	multimeter, protective rubber holster, carrying case, battery, double insulated safety test leads