

MX 1 & MX 2B Analogue Multimeters



- Beep for continuity
- Protection on all calibres
- Ω safety alarms

- Acknowledged for its rugged casing
- 200 A current clamp delivered as standard with the MX 2B

Kits at attractive prices!

MX 1 kit



MX 2B kit



The **TX 01** tester offers audible and 7-LED visual testing of voltage, in AC or DC mode, continuity and resistance.

Measure up



MX 2B & MX 1

ANALOGUE MULTIMETERS

> Beep for continuity

For quick checking of the connections in ohmmeter mode.

> Protection on all calibres

Even in ohmmeter mode, the application of a voltage of 400 Veff does not cause any damage. This function is protected, without a fuse, by a reliable, ultra-fast electronic system. The inputs can resist transient pulses of up to 6 kV. The current ranges, on the other hand, are protected by 600 V high rupture capacity (HRC) fuses.

> Safety alarms

- blown fuses indicated by a LED
- in ohmmeter mode, audible alarm if there is a mains AC voltage on the input. There is also a LED which indicates if any fuses blow

> AC current measurements

Delivered with a current clamp, the MX 2B measures AC currents up to 200 A, in total safety, as the MN 09 clamp prevents any opening of the main circuit.

> Acknowledged as rugged

- water-resistant casing
- shockproof sheath
- smooth surface for simple maintenance

> Safety in all circumstances

- double insulation up to 1,500 V
- the SECUR'X locking system prevents accidental disconnection of the measurement leads and unwanted opening of the battery compartment.

TECHNICAL SPECIFICATIONS	MX 2B	MX 1
DC VOLTAGES		
Calibres	0.5 V - 1.5 V - 5 V - 15 V - 50 V - 150 V - 500 V - 1.5 kV ⁽¹⁾	150 mV - 0.5 V - 1.5 V - 5 V - 15 V - 50 V - 150 V - 500 V - 1.5 kV ⁽¹⁾
Protection	320 Veff (cal. ≤ 5 V) - 500 Veff (15 V)	320 Veff (cal. ≤ 5 V) - 500 Veff (15 V)
Accuracy class	1,000 Veff (50 V) - 1,500 Veff (150 V to 1.5 kV)	1,000 Veff (50 V) - 1,500 Veff (150 V to 1.5 kV)
Input impedance	2 20 kΩ /V	2 6.32 kΩ /V
AC VOLTAGES		
Calibres	5 V - 15 V - 50 V - 150 V - 500 V - 1.5 kV ⁽¹⁾	5 V - 15 V - 50 V - 150 V - 500 V - 1.5 kV ⁽¹⁾
Protection	320 Veff (cal. ≤ 15 V) - 500 Veff (50 V)	320 Veff (cal. ≤ 15 V) - 500 Veff (50 V)
Bandwidth	1,000 Veff (150 V) - 1,500 Veff (500 V and 1.5 kV)	1,000 Veff (150 V) - 1,500 Veff (500 V and 1.5 kV)
Accuracy class	16 Hz to 1 kHz (500 Hz / 1,500 V)	16 Hz to 1 kHz (500 Hz / 1,500 V)
Input impedance	2.5 2 kΩ /V	2.5 6.32 kΩ /V
DC CURRENTS		
Calibres	50 µA - 10 A	50 - 500 µA - 5 - 150 - 500 mA - 1.5 - 10 A
Accuracy class	2	2
Voltage drop	< 0.5 V	1.2 V max
Protection	1.6 A and 10 A fuses - 10 kA / 600 Veff	1.6 A and 10 A fuses - 10 kA / 600 Veff
AC CURRENTS		
Calibres	10 A with MN 09 clamp 20 A 100 A 200 A	500 µA - 5 - 150 - 500 mA - 1.5 - 10 A
Accuracy class	3 3 3 3	2.5
Voltage drop	-	1.2 V max
Protection	1.6 A - 10 kA fuses / 600 Veff	1.6 A and 10 A fuses - 10 kA / 600 Veff
RESISTANCES		
Calibres	x 1 x 10 x 100	x 1 x 10 x 100
Middle point	200 Ω 2 Ω 20 Ω	200 Ω 2 Ω 20 Ω
Accuracy class	2.5	2.5
Protection	Electronic 400 Veff (5 s)+audible alarm	Electronic 400 Veff (5 s)+audible alarm
CONTINUITY		
Detection threshold	R < 150 Ω	R < 150 Ω
OTHER MEASUREMENTS		
Diode test	Yes	Yes
dB	Yes	Yes
General specifications		
Sealing	IP 65	
Scale length	80 mm	
Safety	IEC EN 61010-1 Edition 2, Cat. III 600 V - Pollution level 2	
Operating temperature	-10 °C to +50 °C	
Power supply	1.5 V battery (AA, R6)	
Dimensions / weight	40 x 98 x 150 mm / 420 g	

(1) For use up to 600 Vmax.

REFERENCES

All our products are supplied as standard with their leads, battery and operating manual.

MX 1..... **MX1**

MX 1 + TX 01 + case..... **MX0001-T**

MX 2B + MN 09 clamp..... **MX0002B**

MX 2B + TX 01 + MN 09 + case..... **MX0002BT-MN**



Information and ordering

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