

MX 1 Analogue Multimeter



Beep for continuity
Protection on all calibres
Ω safety alarms

Kits at attractive prices!



The **TX01** tester offers audible and 7-LED visual testing of voltage, in AC or DC mode, continuity and resistance.

MX 1

Analogue multimeter

› 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

› 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 1		
DC VOLTAGES				
	Calibres	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)		
	Accuracy class	1000 Veff (50 V) - 1500 Veff (150 V to 1,5 kV)		
	Input impedance	2		
		20 kΩ / V		
AC VOLTAGES				
	Calibres	5 V - 15 V - 50 V - 150 V - 500 V - 1,5 kV ⁽¹⁾		
	Protection	320 Veff (cal. ≤ 15 V) - 500 Veff (50 V)		
	Bandwidth	1000 Veff (150 V) - 1500 Veff (5000 V and 1,5 kV)		
	Accuracy class	16 Hz à 1 kHz (500 Hz / 1500 V)		
	Input impedance	2,5		
		6,32 kΩ / V		
DC CURRENTS				
	Calibres	50 - 500 µA - 5 - 150 - 500 mA - 1,5 - 10 A		
	Accuracy class	2		
	Voltage drop	1,2 V max		
	Protection	1.6 A and 10 A fuses - 10 kA / 600 Veff		
AC CURRENTS				
	Calibres	500 µA - 5 - 150 - 500 mA - 1,5 - 10 A		
	Accuracy class	2,5		
	Voltage drop	1,2 V max		
	Protection	1.6 A and 10 A fuses - 10 kA / 600 Veff		
RESISTANCES				
	Calibres	x 1	x 10	x 100
	Middle point	200 Ω	2 Ω	20 Ω
	Accuracy class	2,5		
	Protection	Electronic 400 Veff (5 s) + audible alarm		
CONTINUITY				
	Detection threshold	R < 150 Ω		
OTHER MEASUREMENTS				
	Diode test	Yes		
	dB	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**

Kit MX 1

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



Information and ordering