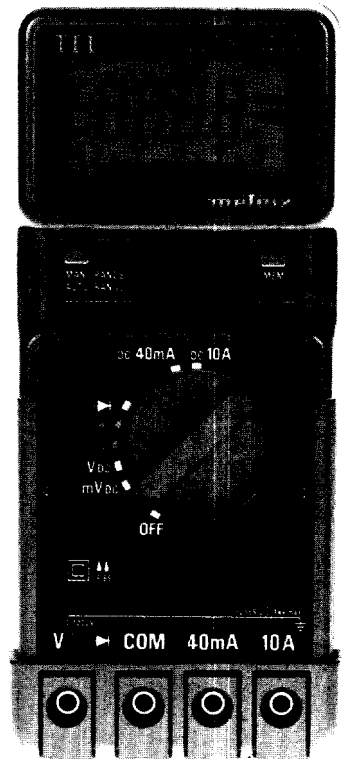




Multimeter 4000 counts
with bargraph

MX 44

- LCD with range and function display
- Bargraph 40 divisions
- Auto or manual ranging for volts and ohms
- Digital reading hold function while the bargraph follows the measured value (LIVE TREND MEMORY MODE)
- IP 66 waterproofed housing
- Separate sealed battery/fuse compartment : protection also for the internal circuitry
- Front cover locked unless test leads are disconnected



Specifications

Measurement rate :

- digital : 2.5/s
- bargraph : 12.5/s

Max. input voltage : 1100 Vp

Safety Alert : audible overrange indication signal

Common mode rejection :

- 120 dB AC/DC
- 60 dB AC/AC

Serial mode rejection : 60 dB

Low battery indication : BAT

Waterproofed : IP 66

Safety : IEC cl. II; EMC : VDE 871 cl. B

Temperature : coeff. <math><0.1 \times \text{accuracy}/^{\circ}\text{C}</math>

- Reference : 18°C to 28°C
- Operating range : 0 to 50°C
- Limits : - 10°C to + 50°C
- Storage : - 45°C to + 80°C
- Rel. Humidity : 0 to 80 % from 0 to 40°C
0 to 70 % from 40°C to 50°C

Power supply :

- 9 V battery - 6LF22
- Battery life : 500 hours
- Auto-switch

Dimensions : 189 x 82 x 40 mm

Weight : 400 g

Function	Connections	Ranges	Resolution	Accuracy (R = Reading)	Input specifications	Overload protection
Voltage DC		400 mV	100 μV	0.3 % R + 1 d	10 MΩ	600 Vp
		4 V	1 mV	0.3 % R + 1 d	11 MΩ	1100 Vp
		40 V	10 mV	0.3 % R + 1 d	10 MΩ	1100 Vp
		400 V	100 mV	0.3 % R + 1 d	10 MΩ	1100 Vp
		1000 V	1 V	0.3 % R + 1 d	10 MΩ	1100 Vp
		2 V	1 mV		1 mA ± 10 %	440 V AC
Test diode						
Voltage AC (40 to 1000 Hz)		4 V	1 mV	$\frac{m40 - 500 \text{ Hz}}{1.5\%L + 3 d}$ $\frac{500 - 1000 \text{ Hz}}{1.5\%L + 3 d}$	11 MΩ	1100 Vp
		40 V	10 mV		10 MΩ	
		400 V	100 mV		10 MΩ	
		750 V	1 mV	$\frac{40 - 500 \text{ Hz}}{1.5\%L + 3 d}$ $\frac{500 - 1000 \text{ Hz}}{1.5\%L + 3 d}$	10 MΩ	
Current DC		40 mA	10 μA	1 % R + 1 d	450 mV	Fuses 0.63 A 250 V 10 A HRC 440 V
		10 A	10 mA	1 % R + 1 d	400 mV	
Current AC (40 to 1000 Hz)		40 mA	10 μA	$\frac{40 - 500 \text{ Hz}}{1.5\%L + 3 d}$ $\frac{500 - 1000 \text{ Hz}}{1.5\%L + 3 d}$	450 mV	Fuses 0.63 A 250 V 10 A HRC 440 V
	10 A	10 mA	$\frac{40 - 500 \text{ Hz}}{1.5\%L + 3 d}$ $\frac{500 - 1000 \text{ Hz}}{1.5\%L + 3 d}$	400 mV		
Ohms		400 Ω	0.1 Ω	0.3 % R + 2d	1 mA/400 mV	440 V AC
		4 kΩ	1 Ω	0.3 % R + 1d	100 μA/400 mV	
		40 kΩ	10 Ω	0.3 % R + 1d	10 μA/400 mV	
		400 kΩ	100 Ω	0.3 % R + 1d	1 μA/400 mV	
		4 MΩ	1 kΩ	0.3 % R + 1d	100 nA/400 mV	
	20 MΩ	10 kΩ	1 % R + 3d	100 nA/2 V		
Continuity		400 Ω	0.1 Ω	Low frequency audible signal R <math>< 50 \Omega \pm 20 \Omega</math>		440 V AC

Specifications are subject to change without notice.

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