

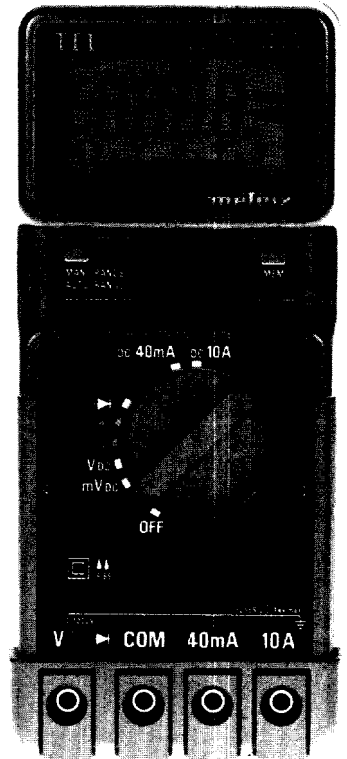


Multimeter 4000 counts

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 4 V 40 V 400 V 1000 V	100 μV 1 mV 10 mV 100 mV 1 V	0.3 % R + 1 d 0.3 % R + 1 d 0.3 % R + 1 d 0.3 % R + 1 d 0.3 % R + 1 d	10 MΩ 11 MΩ 10 MΩ 10 MΩ 10 MΩ	600 Vp 1100 Vp 1100 Vp 1100 Vp 1100 Vp						
Test diode		2 V	1 mV		1 mA ± 10 %	440 V AC						
Voltage AC (40 to 1000 Hz)		4 V 40 V 400 V 750 V	1 mV 10 mV 100 mV 1 mV	<table border="1"> <tr> <td>m40 - 500 Hz</td> <td>500 - 1000 Hz</td> </tr> <tr> <td>1.5%L + 3 d</td> <td>1.5%L + 3 d</td> </tr> <tr> <td>1.5%L + 4 d</td> <td>1.5%L + 4 d</td> </tr> </table>	m40 - 500 Hz	500 - 1000 Hz	1.5%L + 3 d	1.5%L + 3 d	1.5%L + 4 d	1.5%L + 4 d	11 MΩ 10 MΩ 10 MΩ 10 MΩ	1100 Vp
m40 - 500 Hz		500 - 1000 Hz										
1.5%L + 3 d	1.5%L + 3 d											
1.5%L + 4 d	1.5%L + 4 d											
Current DC		40 mA 10 A	10 μA 10 mA	1 % R + 1 d 1 % R + 1 d	450 mV 400 mV	Fuses 0.63 A 250 V 10 A HRC 440 V Fuses 0.63 A 250 V 10 A HRC 440 V						
Current AC (40 to 1000 Hz)		40 mA 10 A	10 μA 10 mA	<table border="1"> <tr> <td>40 - 500 Hz</td> <td>500 - 1000 Hz</td> </tr> <tr> <td>1.5%L + 3 d</td> <td>1.5%L + 3 d</td> </tr> <tr> <td>1.5%L + 4 d</td> <td>1.5%L + 4 d</td> </tr> </table>	40 - 500 Hz		500 - 1000 Hz	1.5%L + 3 d	1.5%L + 3 d	1.5%L + 4 d	1.5%L + 4 d	450 mV 400 mV
40 - 500 Hz	500 - 1000 Hz											
1.5%L + 3 d	1.5%L + 3 d											
1.5%L + 4 d	1.5%L + 4 d											
Ohms		400 Ω 4 kΩ 40 kΩ 400 kΩ 4 MΩ 20 MΩ	0.1 Ω 1 Ω 10 Ω 100 Ω 1 kΩ 10 kΩ	0.3 % R + 2d 0.3 % R + 1d 0.3 % R + 1d 0.3 % R + 1d 0.3 % R + 1d 1 %R + 3d	1 mA/400 mV 100 μA/400 mV 10 μA/400 mV 1 μA/400 mV 100 nA/400 mV 100 nA/2 V	440 V AC						
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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