

VoltMa[®]TER

Digital multimeter DMM 1

SPECIFICATIONS

	DMM 1	
Indication	40 mm large, illuminated LCD	
DC voltage	600 mV, 6 V, 60 V, 600 V	±0,7 %, ±2 Digits ±0,7 %, ±2 Digits
AC voltage	600 mV, 6 V, 60 V, 600 V	±0,8 %, ±3 Digits ±0,8 %, ±3 Digits
DC current	600 µA, 6000 µA 60 mA, 600mA, 10 A	±1,2 %, ±3 Digits ±1,2 %, ±3 Digits ±2,0 %, ±10 Digits
AC current	600 µA, 6000 µA, 60 mA, 600 mA, 10 A	±1,5 %, ±3 Digits ±1,5 %, ±3 Digits ±3,0 %, ±10 Digits
Resistance	600 Ω 6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ 60 MΩ	±1,2 %, ±5 Digits ±1,2 %, ±5 Digits ±2,0 %, ±10 Digits
Capacitance measurement	60 nF, 600 nF, 6 µF, 60 µF, 600 µF, 6 mF, 60 mF	±4,0 %, ±3 Digits ±4,0 %, ±3 Digits ±4,0 %, ±3 Digits
Diode test	Yes	
Continuity test	Yes	
Temperature measurement	-20–1000 °C with K-Type-Probe	
Maximum input voltage	600 V AC/DC	
Input impedance	> 7,5 MΩ, typ 10 MΩ (ACV & DCV)	
AC V bandwidth	50–400 Hz	
Frequency measuring range	10 Hz–10 MHz	
Data-Hold-Function	Yes	
Fuses	600 mA (self-reseting); 10 A/690 V (fast-acting)	
Operating temperature	0–40°C [32–104 °F]	
Storage temperature	-10–50°C [14–122 °F]	
Overvoltage category	CAT III 600 V	
Standard	IEC/EN 61010-1, IEC/EN 61010-2-033	
Dimensions	183 x 95 x 50 mm	
Weight	410 g incl. batteries	
Power supply	2 x 1,5 V AA	

