

PROFESSIONAL DIGITAL MULTIMETER



- With power save backlight
- o High contrast LCD display
- o 10A DC range
- o Overload protection on all ranges
- o Tough construction
- o Supplied with tips and user manual
- General characteristics:**
- o Display: 3 1/2 LCD - 1999 max
- o Polarity: automatic
- o Operating temperature: 0 - 40°C
- o Relative humidity: <75%
- o Power supply: 1 x 9V NEDA 1604 or 6F22 or 006P
- o Dimension: 137 x 73 x 26 mm
- o Weight: 215 gr. with holster

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TECHNICAL FEATURES

DC VOLTAGE			
RANGE	RESOLUTION		ACCURACY
200mV	100µV		±(0.5% rdg +2 dgt)
2000mV	1mV		±(0.5% rdg +2 dgt)
20V	10mV		±(0.5% rdg +2 dgt)
200V	100mV		±(0.5% rdg +2 dgt)
600V	1V		±(0.5% rdg +2 dgt)
Overload protection: 220Vrms AC (200mV) and 600V DC (other ranges)			
DC CURRENT			
RANGE	RESOLUTION		ACCURACY
20mA	10µA		±(1% rdg +2 dgt)
200mA	100µA		±(1.2% rdg +2 dgt)
10A	10mA		±(2% rdg +2 dgt)
Overload protection: 200mA 250V fuse Voltage drop under measurement: 200mV			
AC VOLTAGE			
RANGE	RESOLUTION		ACCURACY
200V	100mV		±(2% rdg +2 dgt)
600V	1V		±(2% rdg +2 dgt)
Overload protection: 800V DC or 600Vrms AC			
RESISTANCE			
RANGE	RESOLUTION		ACCURACY
200 Ohm	0,1 Ohm		±(0.8% rdg +5 dgt)
2000	1		±(0.8% rdg +2 dgt)
20 kOhm	10		±(0.8% rdg +2 dgt)
200 kOhm	100		±(0.8% rdg +2 dgt)
2000 kOhm	1 kOhm		±(1% rdg +2 dgt)
20 MOhm	10 kOhm		±(1% rdg +2 dgt)
200 MOhm	100 kOhm		±(5% rdg +10 dgt)
Max. voltage open circuit: 2,8V Overload protection: 10 sec. Max 220Vrms			
Hfe TRANSISTOR TEST			
RANGE	DISPLAY RANGE	TEST CONDITIONS	
NPN or PNP Hfe transistor	0-1000	Approx 10µA. Vce voltage: approx. 3V	
DIODE TEST			
RANGE	DESCRIPTION	Voltage drop display	
Diode test			
CONTINUITY TEST			
RANGE	DESCRIPTION	Acoustic signal if circuit resistance is under 70ohm	
Continuity test			
Overload protection: 10 sec. (max. voltage 220V rms)			