

YF-602 Digital Multimeter

is designed and built according to the BS EN 61010-1, IEC 1010-1CAT II. Probe Kit comply with IEC1010-2-31.



ACCESSORIES

- User's manual
- Test leads
- 9V battery x 1pc

POWER SUPPLY

- Battery type: 9V NEDA 1604 IEC 6F22
- JIS 006P battery x 1pc.
- Battery life: About 100 hours.

OPERATION CONDITION

- Operating temperature & humidity: 5°C ~ 40°C, below 80% RH.
- Storage temperature & humidity: -10°C ~ 60°C, below 70% RH.

DIMENSION

- Size: 120 x 72 x 37mm (L x W x H)
- Weight: About 190g (including battery)

DISPLAY

- 3 1/2 digits LCD with maximum reading of 1999
- Automatic polarity, “-” display for negative input.
- Overload indication “1”
- Low battery indication: Replace battery when LCD display “ ⏏ ”.

FUNCTIONS

- Functions: ACV, DCV, DCA, Ω , Diode Test, Transistor, Continuity.

SAMPLING SPEED

- Sampling rate: 2.5 times per second for digital display.

SPECIFICATIONS

Accuracy: $\pm (\dots\% \text{rdg} + \dots \text{dgt})$ at 23°C \pm 5°C, below 80% RH.

	Range	Resolution	Accuracy	Input impedance	Overload protection
ACV	200V	100mV	$\pm (1.2\%+3)$ (50Hz~500Hz)	450K Ω	DC 1100V AC 800V
	600V	1V			

	Range	Resolution	Accuracy	Input impedance	Overload protection
DCV	2V	1mV	$\pm (0.8\%+1)$	1M Ω	DC 1100V AC 800V
	20V	10mV			
	200V	100mV			
	600V	1V			

	Range	Resolution	Accuracy	Voltage burden	Overload protection
DCA	2mA	10 μ A	$\pm (1.2\%+1)$	0.3V max.	0.5A/250V Fuse
	20mA	10 μ A	$\pm (1.5\%+1)$		
	200mA	100 μ A			

	Range	Resolution	Accuracy	Open-circuit voltage	Overload protection
Resistance	200 Ω	0.1 Ω	$\pm (1.2\%+2)$	Max. 3.2V	AC/DC 500V rms
	2K Ω	1 Ω			
	20K Ω	10 Ω	$\pm (1.0\%+2)$	>0.35V	
	200K Ω	100 Ω			
	2M Ω	1K Ω			

	Range	Resolution	Measuring voltage	Measuring current	Overload protection
Diode test	\rightarrow	1mV	\approx 2.8V	\approx 1.2mA	AC/DC 500V rms

	Range	Measurement range	Resolution	Measuring current	Overload protection
Transistor hFE test	NPN PNP	0-1000	1	IB \approx 10mA	---

	Range	Resolution	Sound level	Open voltage	Overload protection
Continuity	Beeper	0.1 Ω	Below 80 Ω	\approx 2.8V	AC/DC 500V