

117C

1000v RMS dIGITAL MULTIMETER

117C is a high-precision true RMS multimeter, which has AC/DC 1000V voltage measurement, 10A AC/DC current measurement, LPF measurement, VDF function, etc.

The main features are fast response, high precision, small size, and easy operation, and product accuracy can still be guaranteed after a 2-meter drop. It is a good test tool for electronic and electrical engineers.

It is versatile and suitable for various sectors including electric power, communications, meteorology, railways, oil fields, architecture, metrology, academic institutions, and industrial enterprises.

Features

1. Drop test: 2m ;
2. AC/DC current: 10A ;
3. Overload protection ;
4. AC/DC voltage: 1000V ;
5. True RMS measurement ;
6. Auto backlight/Flashlight ;
7. Audible & Visual Warning ;
8. High-precision: 6000 counts ;
9. LoZ, LPF & Auto Volt function ;
10. External current clamp supported ;
11. Compact design, easy & convenient operation ;



Applications

1. Industrial on site ;
2. Electronic design ;
3. Oil, gas industrial ;
4. Electrical installation ;
5. Power quality analysis ;
6. Smart Grid Application ;
7. Electrical Measurement ;
8. Communication company ;
9. Institutions of higher education ;

Specifications

Specifications		
DC voltage	600mV/6V/60V/600V/1000V	±(0.5%+3)
AC voltage (V)	600mV/6V/60V/600V	±(0.8%+5)
	1000V	±(1.0%+5)
Resistance (Ω)	600Ω/6KΩ/60KΩ/600KΩ	±(1.0%+3)
	60MΩ	±(2.0%+3)
Capacitance (F)	60nF/600nF/6μF/60μF/600μF/6mF	±(4%+5)
	100mF	±(5%+3)
DC current	600uA/6mA/60mA/600mA	±(0.8%+3)
	10A	±(1.2%+3)
AC current	600uA/6mA/60mA/600mA	±(1.0%+3)
	10A	±(1.5%+3)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz	±(0.5%+5)
Duty cycle (%)	1%-99%	±(3.0%+2)
Temperature (°C)	-40°C~1000°C	±(1%+2)
	-40°F~1832°F	±(1%+2)
Features		
Display count		6000
Auto power off		√
Continuity test		√
Auto/Manual range		√
Relative Measurement		√
Low battery indication		√
Diode test		√
Triode test		√
hFE		√
Data hold		√
MAX/MIN measurement		√
VFD measurement		√
Flashlight		√
Live wire detection		√
NCV Detection		√
Back Light		√
Work Light		√

Specifications - continued**General Characteristics**

Power	1.5V battery (AAA) x 3
Display	43mm x 45mm
Product color	Orange and grey
Product net weight	380g
Product size	194mm x 90mm x 56mm
Safety standards	EN61010-1, EN61010-2-030, EN61010-2-032, CAT III 1000V
Standard accessories	Test leads, batteries, point contact temperature probe
Standard individual packing	Gift box
Standard quantity per carton	30pcs
Standard carton measurement	700mm x 650mm x 350mm
Standard carton gross weight	About 20kg