

117C

INDUSTRIAL RMS DIGITAL MULTIMETER

117C is a high-precision true RMS industrial 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 an excellent 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. The 117C multimeter has been used many in global market.

Applications

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

Features

1. Drop test: 2m
2. Industrial designed
3. AC/DC current: 10A
4. Overload protection
5. AC/DC voltage: 1000V
6. 10MHz/~60MΩ/~60mF
7. True RMS measurement
8. Auto backlight/Flashlight
9. Audible & Visual Warning
10. High-precision: 6000 counts
11. LoZ, LPF & Auto Volt function
12. External current clamp supported
13. Compact design, easy & convenient operation

Parameters

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/10MH	±(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	64.3mm x 47.4mm
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	20pcs
Standard carton measurement	600mm x 280mm x 280mm
Standard carton gross weight	About 15kg