Hand Held Digital Multimeter

multicompPRO

Description

This series are industrial grade multimeters used by professionals. Its built-in square wave output is useful for troubleshooting industrial control signals. The LoZ (ACV) feature can be used to identify residual (ghost) voltage in large capacitors. This OLED display has great viewing angle and is perfect for working in low temperatures.

Features

- AC+DC measurement
- Peak hold
- Rechargeable battery
- VFC low-pass filtering
- USB/Bluetooth communication

Specifications

	Range	MP171B	MP171C
DC voltage (V)	1000V	±(0.025%+5)	±(0.025%+5)
AC voltage (V)	1000V	±(0.4%+40)	±(0.4%+40)
DC current (A)	10A	±(0.15%+10)	±(0.15%+10)
AC current (A)	10A	±(0.75%+20)	±(0.75%+20)
Resistance (Ω)	60MΩ	±(0.05%+2)	±(0.05%+2)
Admittance (nS)	60nS	±(1%+10)	±(1%+10)
Capacitance (F)	60mF	±(2.5%+5)	±(2.5%+5)
Frequence (Hz)	10Hz~10MHz	±(0.01%+5)	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1%+3)	±(1%+3)
Temperature (°F)	-40°F~1832-°F	±(1.5%+5)	±(1.5%+5)
Display count		60000	60000
Auto/Manual range		√	√
True RMS		√	√
Bandwidth (Hz)	100kHz	√	√
4~20mA loop	0~100%	√	√
LoZ (ACV)	Around 3kΩ	√	√
Diode	Around 3V	√	√
Continuity buzzer		√	√
Duty cycle	0.1%~99.9%	√	√
NCV/Data hold/Max/Min		√	√

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	Range	MP171B	MP171C
Relative mode		√	√
Data storage		9999	9999
Display type		EBTN	OLED
Analog bar graph		31	31
LCD backlight		√	√
Mis-plug alarm		√	√
Low battery indication		√	√
Auto power off		√	√
Input protection		√	√
Input impedance for DCV	≥10MΩ	√	√
Power	UT171B/C: 7.4V 2000mAh Li-ion battery		
Display	UT171B/C: 70.6mm x 35.3mm		
Product colour	Red and grey		
Product net weight	384g		
Product size	206mm x 95mm x 55mm		
Standard accessories	Batteries, test leads, point contact temperature probe, USB interface cable, power adaptor (UT171B/C), PC software CD		
Standard individual packing	Gift box, carrying bag, English manual		
Standard quantity per carton	5pcs		
Standard carton measurement	390mm × 310mm × 205mm		
Standard carton gross weight	5.6kg		
Optional accessories	Bluetooth adaptor		

Part Number Table

Description	Part Number
Digital Multimeter, HandHeld, EBTN, 1000V AC/DC, 10A, 60MΩ, 60mF	MP171B
Digital Multimeter, Handheld, OLED, 1000V AC/DC, 10A, 60MΩ, 60mF	MP171C

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