

Bluetooth Digital Multimeter



- + function as 3 in 1 : datalogger + multimeter + temperature meter
- + multi-connection (more than one device) supported via mobile app
- + the change trend analysis accessible via special chart mode
- + voice warning supported, which assures measurement safety
- + smart voice-reading accessible
- + 4000 - count full scale reading
- + larger display, easier data-reading; simulated bar chart comes as an added option
- + offline recording function (only for B33+)
- + Bluetooth 4.0 version - supports mobile device with Android 4.3 or above / ios 7.0 or above OS except iphone4S ipad, and equipped with BLE 4.0



+ Performance Specifications

Model		D33	B33	B33+	
		Measurement Range		Resolution	Accuracy
DC Voltage	V	400.0mV / 4.000V / 40.00V / 400.0V		0.1mV	±(0.5%+2 digit)
		1000V		1V	±(0.8%+2 digit)
AC Voltage	V	4.000V / 40.00V		1mV	±(0.8%+2 digit)
		400.0V / 750V		0.1V	±(1%+3 digit)
DC Current	μA	400.0μA / 4000μA		0.1μA	±(0.8%+2 digit)
	mA	40.00mA / 400.0mA		0.01mA	±(0.8%+2 digit)
	A	4.000A / 10.00A		1mA	±(1.2%+3 digit)
AC Current	μA	400.0μA / 4000μA		0.1μA	±(1%+3 digit)
	mA	40.00mA / 400.0mA		0.01mA	±(0.8%+2 digit)
	A	4.000A / 10.00A		1mA	±(2%+3 digit)
Resistance		400.0Ω / 4.000kΩ / 40.00kΩ / 400.0kΩ / 4.000MΩ		0.1Ω	±(0.8%+2 digit)
		40.00MΩ		0.01 MΩ	±(2%+3 digit)
Capacitance		40.00nF / 400.0nF / 4.000μF / 40.00μF		0.01nF	±(2.5%+3 digit)
		100.0μF		0.1μF	±(3%+5 digit)
Frequency		4.999Hz / 49.99Hz / 499.9Hz / 4.999kHz / 49.99kHz / 49.9kHz / 4.999MHz		1mHz	±(0.8%+2 digit)
Duty Ratio		0.1% - 99.9% (typical value: Vrms=1V, f=1kHz)		0.1%	±(1.2%+3 digit)
		0.1% - 99.9% (≥1kHz)			±(2.5%+3 digit)
Temperature		-50°C - +400°C			
Display		3999 - count			
Frequency Response		40Hz - 400Hz			
Shift Rate on DMM		3 times / s			

Auto Ranging	√	Input Impedance	≥10MΩ
Offline Recording Function	available in B33+	Bluetooth Module	available in B33, and B33+
Recording Duration	168 hours (7 days)		
Record Length	10,000 points	LCD Backlight	√
Diode Test	√	Input Protection	√
Auto Power-off	√	LCD Size	69 x 52 mm
On-off Warning	√	Display Area	67 x 46 mm (effective area 66 x 45 mm)
Low-battery Indicator	√	Battery	3V (2.5V x 2)
Data Hold	√	Dimension (W x H x D)	85 x 185 x 30 (mm)
Relative Measurement	√	Device Weight	0.32 kg

Specifications subject to change without prior notice.

+ Application

electronic circuit debugging circuit testing design and manufacture
 education and training automobile maintenance and testing

+ Accessories

The accessories subject to final delivery.



Multimeter Lead



K-type Thermocouple



Manual



Mobile app accessible via scanning QR code

optional accessories:



Alligator Clip



Soft Bag