

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