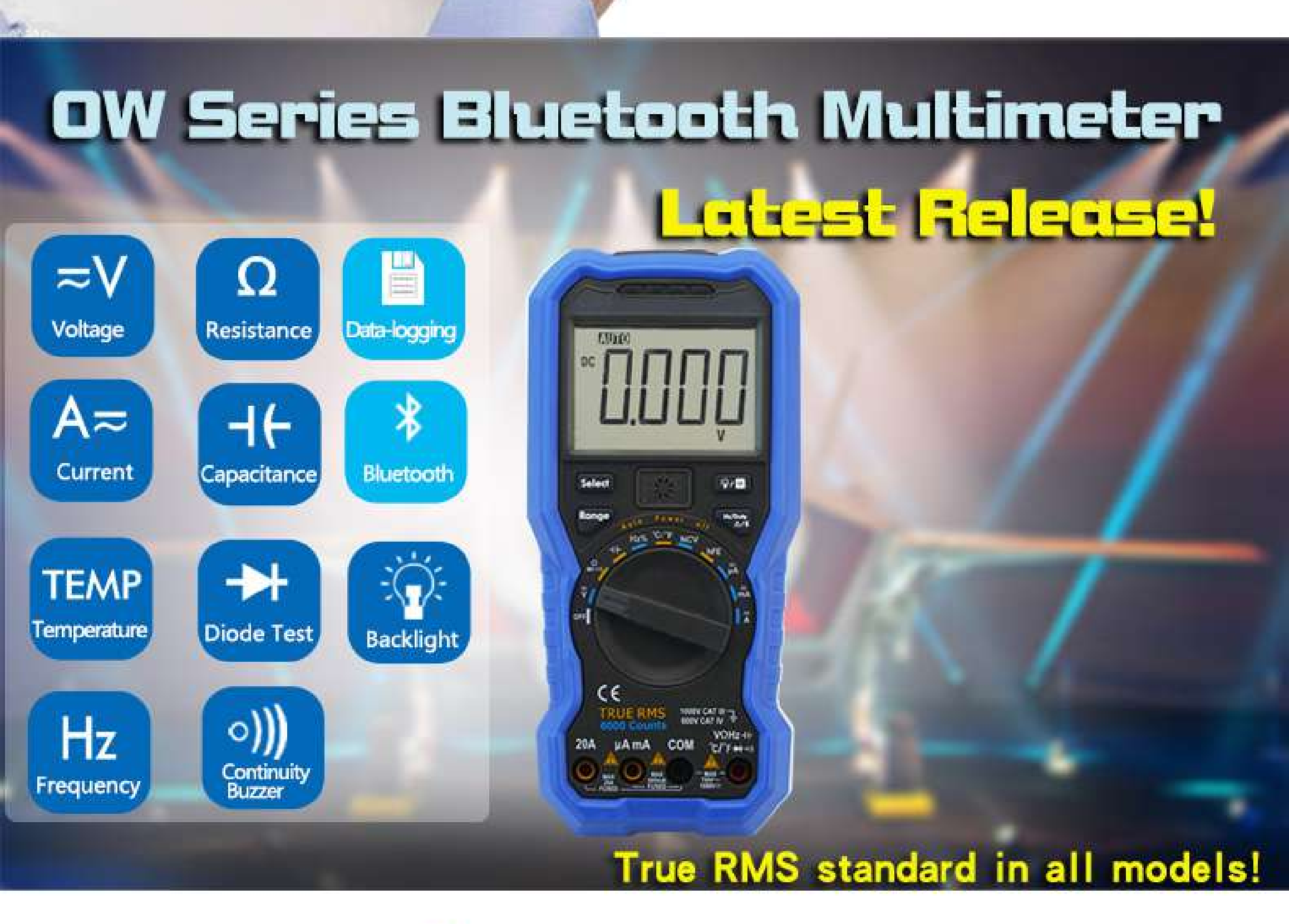
OWON
Meeting your needs

BLUETOOTH Digital Multimeter
OW18B | True RMS

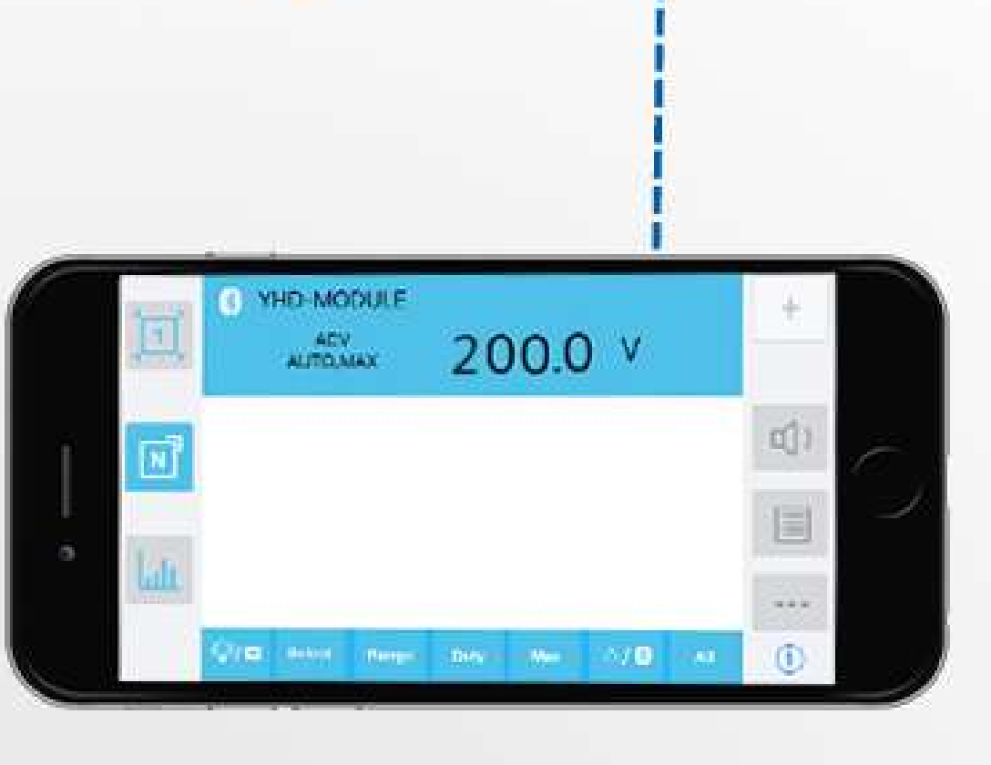
- + Data-logger + Multimeter + Thermometer
- + 3(5/6) digits, 6000 counts
- + Supports multiple device connections allowing single display monitoring
- + Chart and Table mode help you analyse your data
- + Flashlight Function
- + Supports NCV Non-contact Voltage sensing
- + Useful Voice Broadcast Feature
- + Built-in offline data-logging function provides up to 7 days non-stop recording

Supports:


OW Series Bluetooth Multimeter
Latest Release!
Voltage
Resistance
Data-logging
Current
Capacitance
Bluetooth
Temperature
Diode Test
Backlight
Frequency
Continuity Buzzer
True RMS standard in all models!

Evolution 1

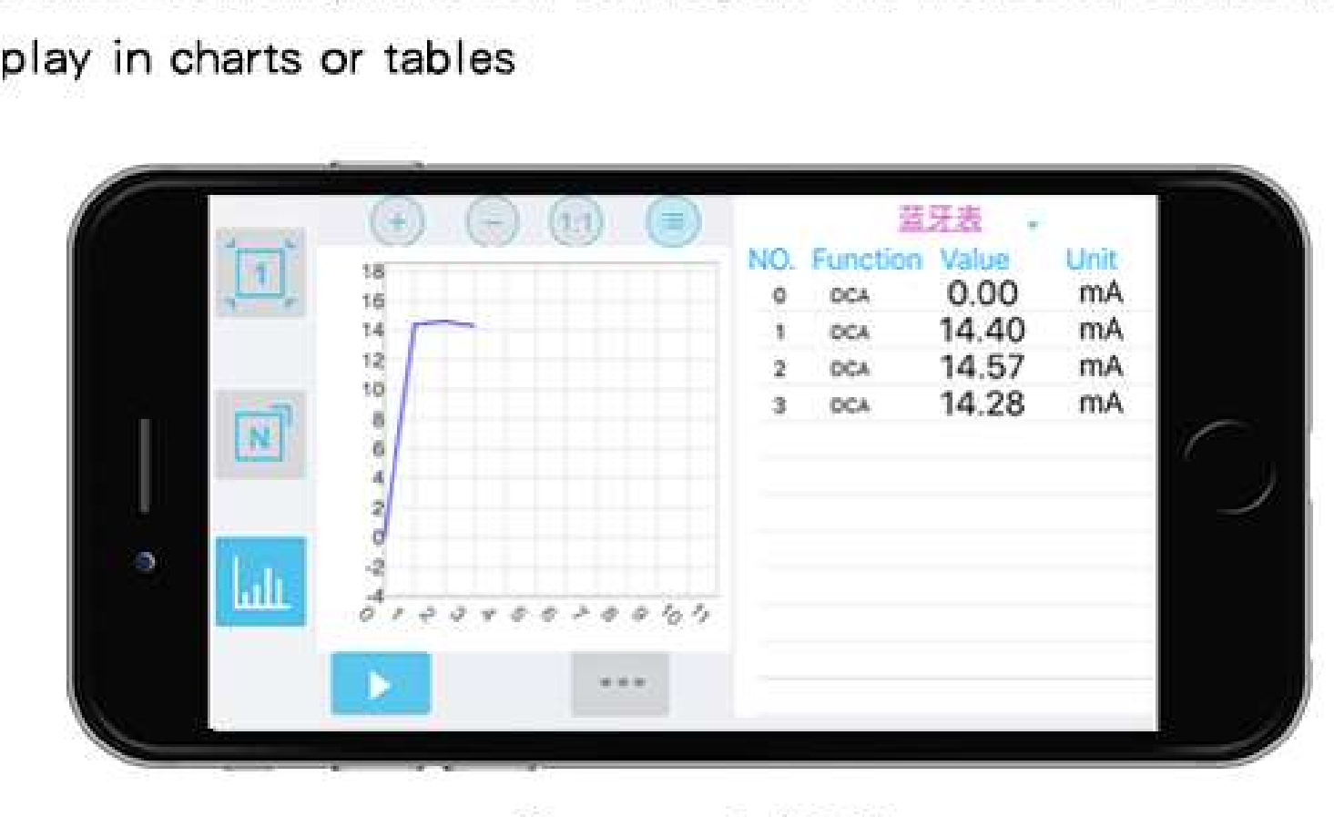
Bluetooth 4.0 Communications
Display and download data to your mobile device


XHD-MODULE
DCV
AUTO,MAX
200.0 V

Evolution 2

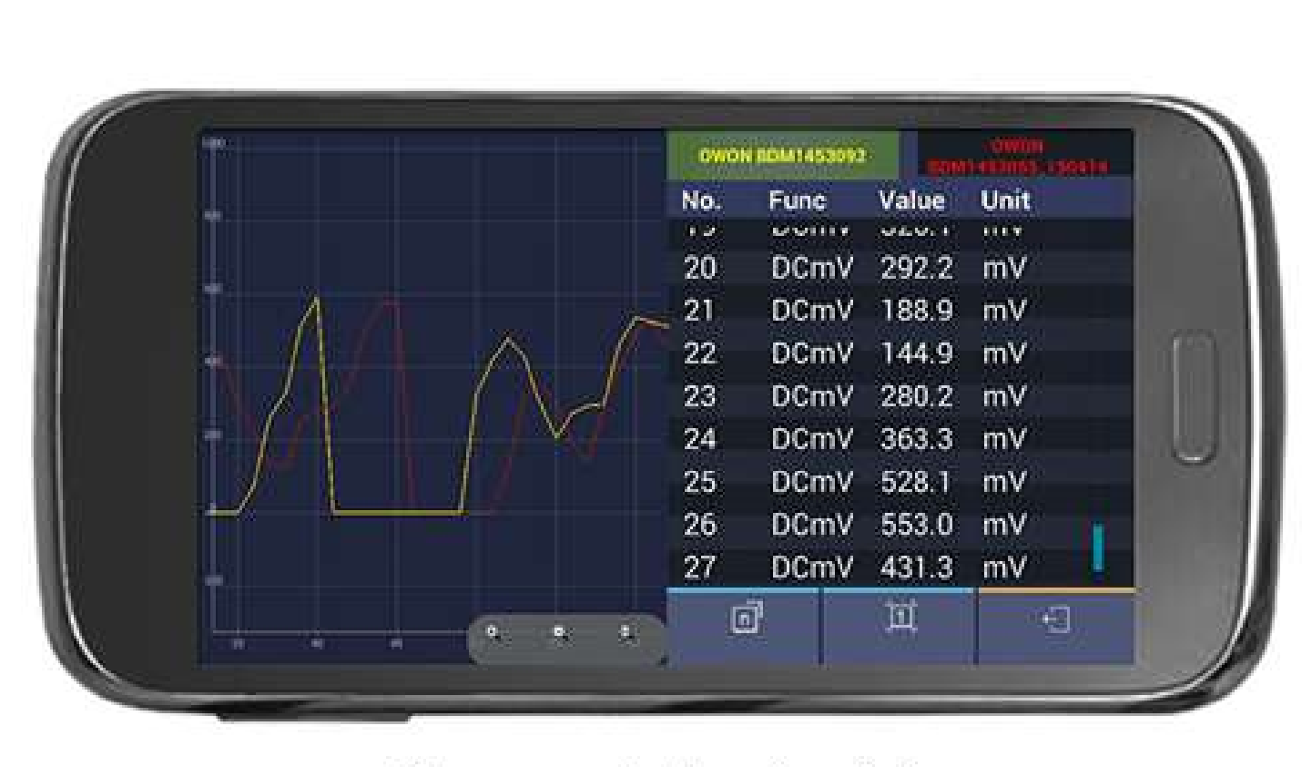
Bluetooth Multimeter and Data-logger

The data recording function can log all the measured values and display in charts or tables



NO.	Function	Value	Unit
0	DCA	0.00	mA
1	DCA	14.40	mA
2	DCA	14.57	mA
3	DCA	14.28	mA

Support iOS



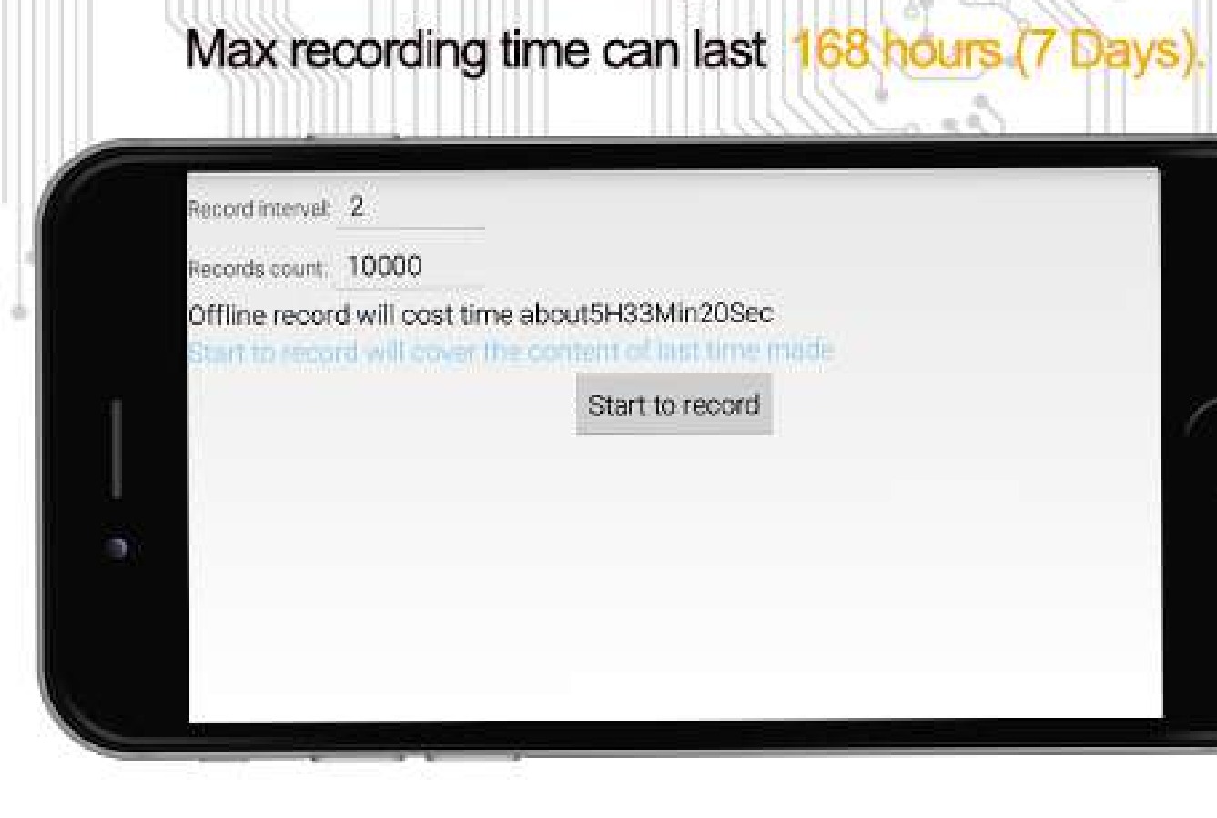
No.	Func	Value	Unit
20	DCmV	292.2	mV
21	DCmV	188.9	mV
22	DCmV	144.9	mV
23	DCmV	280.2	mV
24	DCmV	363.3	mV
25	DCmV	528.1	mV
26	DCmV	553.0	mV
27	DCmV	431.3	mV

Support Android

Evolution 3

Off-line Recording Function

Set the 'Recording Interval' and the 'Records Count' and press 'Start to Record' and the Multimeter will start to record.
The device can store up to 10,000 measured values.
Minimum recording time interval is 1s.
Max recording time can last 168 hours (7 Days).



Record interval: 2
Record count: 10000
Offline record will cost time about5H33Min20Sec
Start to record

Evolution 4

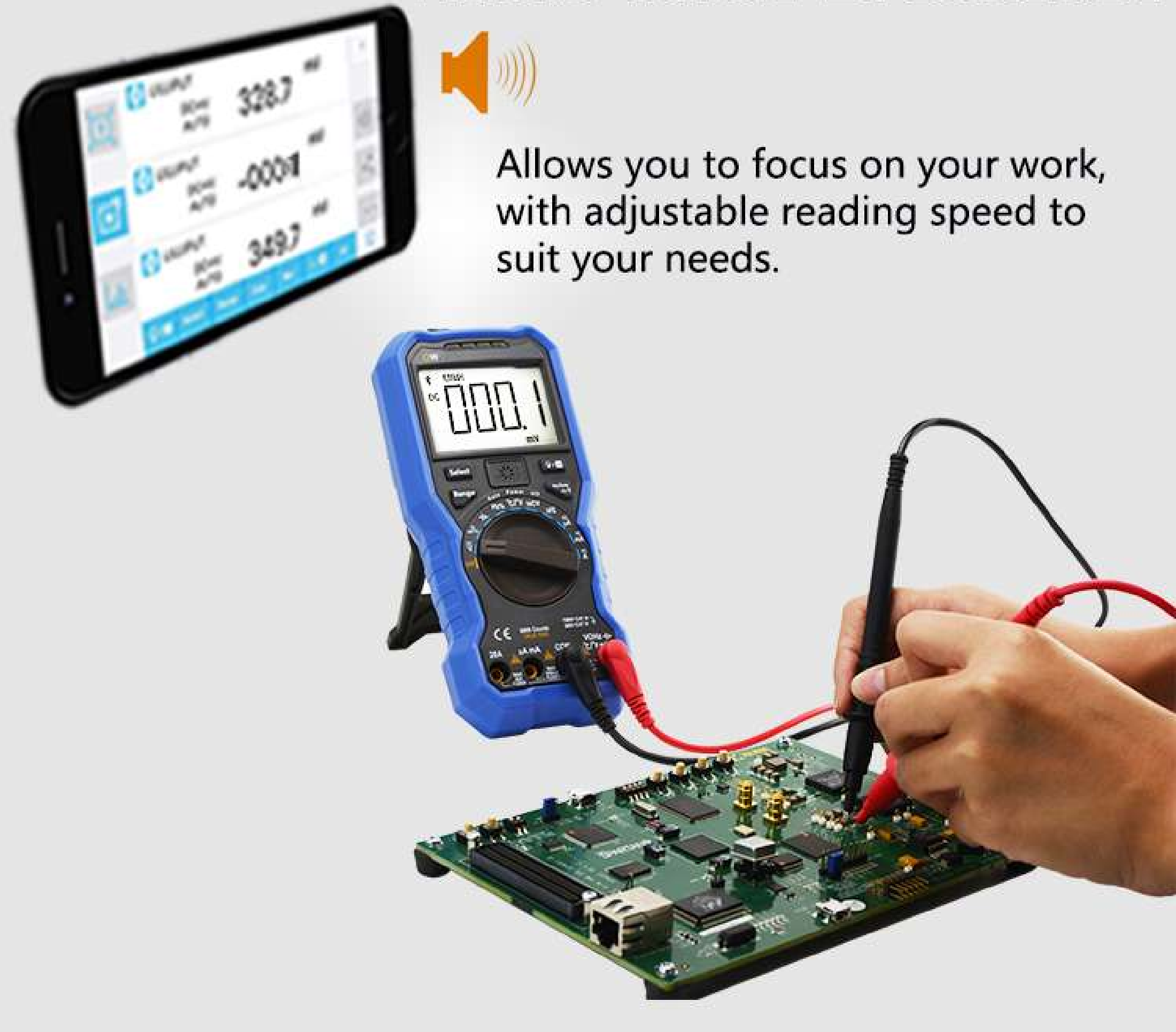
000.0 mV
000.2 mV
000.0 mV

Multi-Device Connection

Evolution 5

Audio Value Broadcast

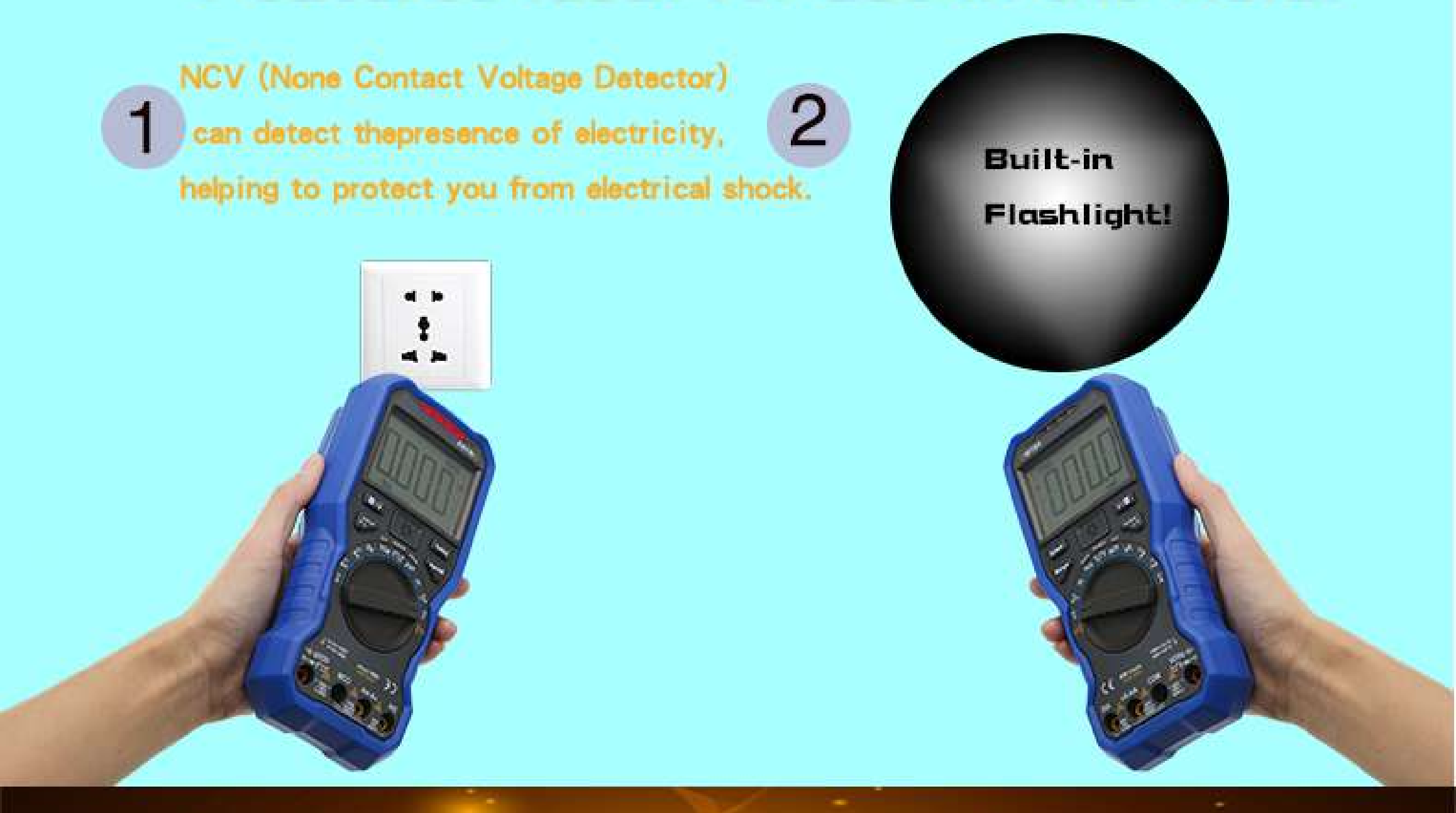
Allows you to focus on your work, with adjustable reading speed to suit your needs.


338.7
-000.1
349.7

Features ideal for use in the field!

1 NCV (None Contact Voltage Detector) can detect thepresence of electricity, helping to protect you from electrical shock.

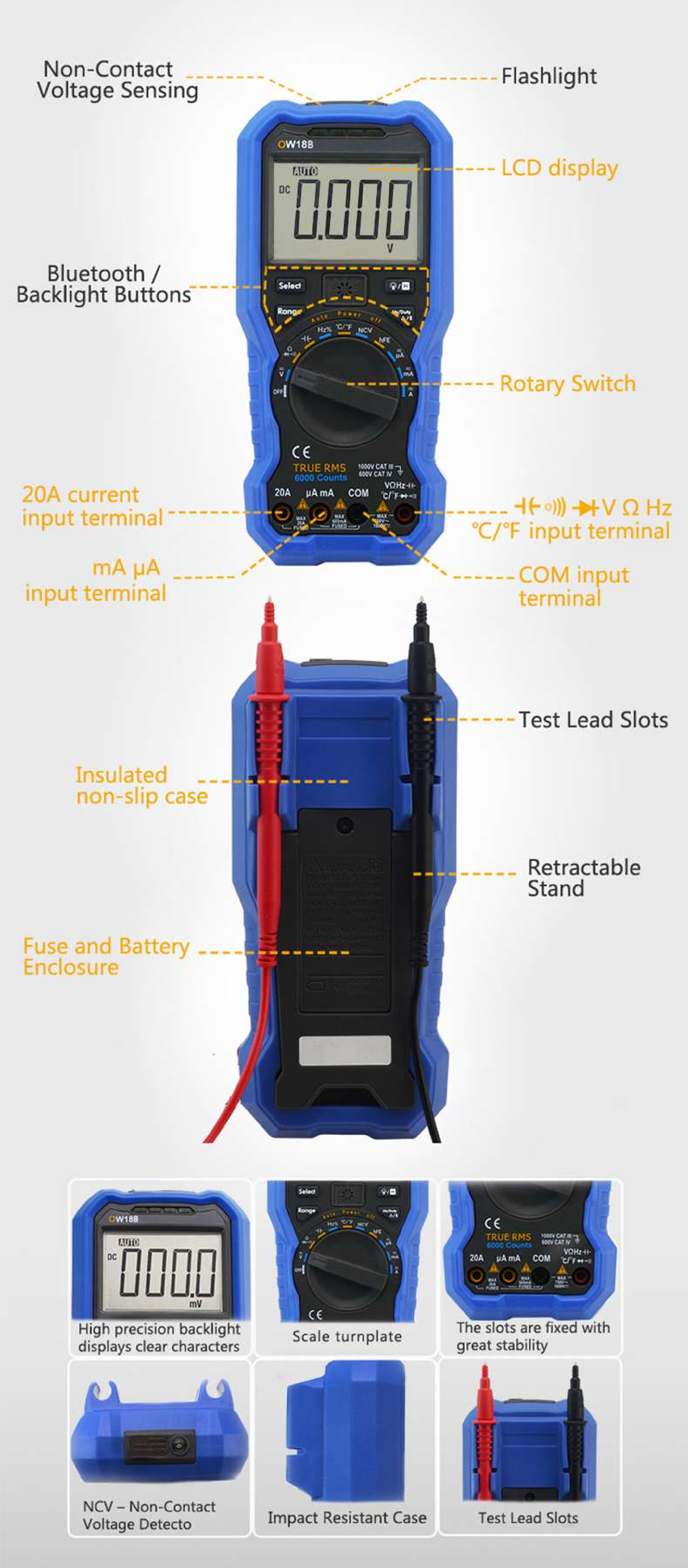
2 Built-in Flashlight!



High Quality Factory Calibration

We use the highest standard of calibration equipment

Resistance Test
Voltage Test
Current Test


Non-Contact Voltage Sensing
Flashlight
LCD display
Bluetooth / Backlight Buttons
Rotary Switch
20A current input terminal
⊣⊢ •))) ▶|V Ω Hz °C/°F input terminal
mA μA input terminal
COM input terminal
Test Lead Slots
Insulated non-slip case
Retractable Stand
Fuse and Battery Enclosure

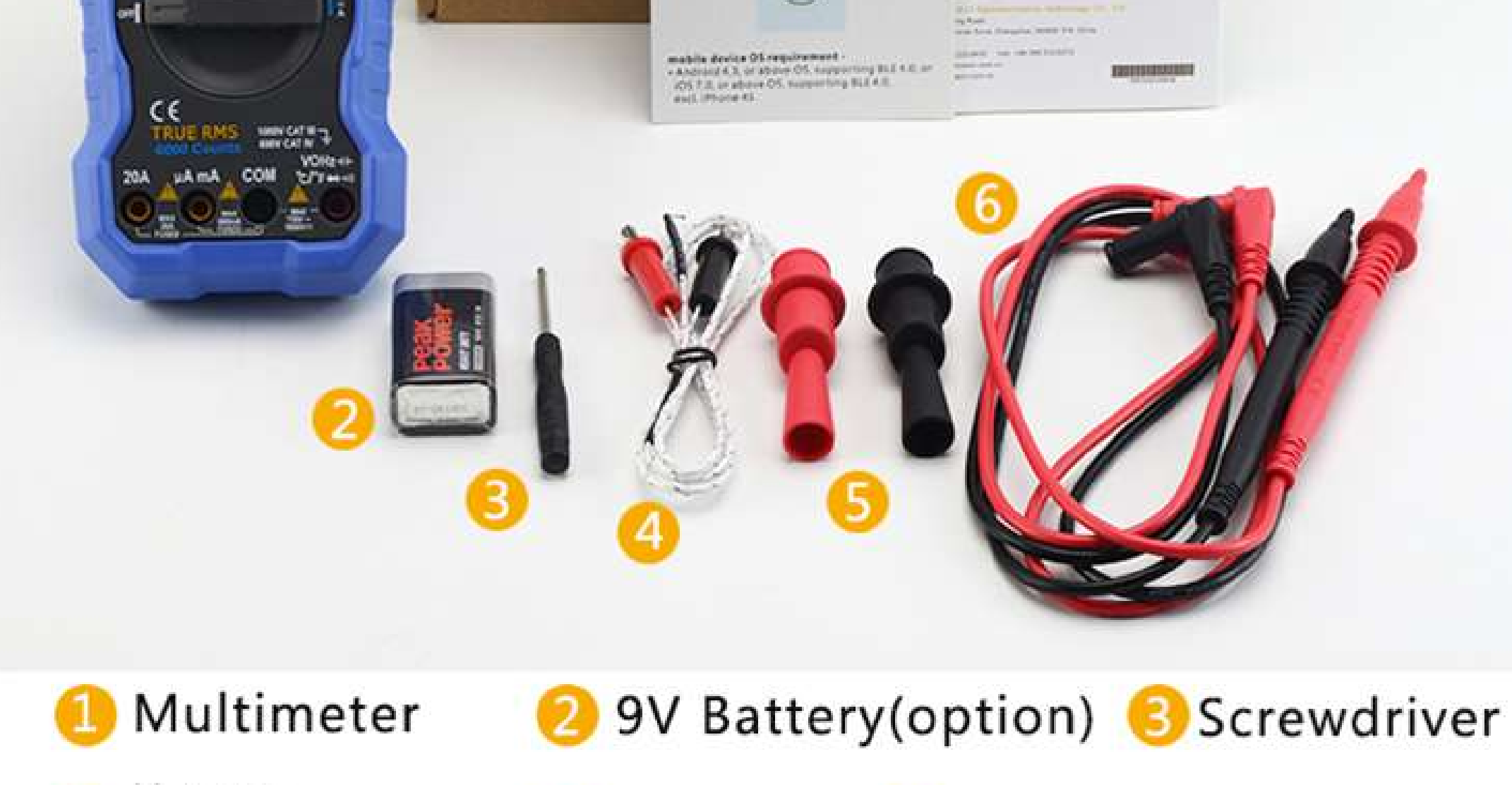
High precision backlight displays clear characters
Scale turnplate
The slots are fixed with great stability
NCV – Non-Contact Voltage Detecto
Impact Resistant Case
Test Lead Slots

SPECIFICATIONS | Product parameters

		Measurement Range	Resolution	Accuracy
DC Voltage	mV	6.000V/60.00V/600.0V	0.1V	±(0.5%+2 dig)
	V	1000V	1 V	±(0.8%+2 dig)
AC Voltage	mV	6.000V/60.00V/600.0V	1 mV	±(0.8%+3dig)
	V	750V	1 V	±(1%+3dig)
DC Current	μA	60.00uA/600.0μA	0.01μA	±(0.8%+2dig)
	mA	60.00mA/600.0mA	0.01mA	
	A	10.00A	0.01A	±(1.2%+3dig)
AC Current	μA	60.00uA/600.0μA	0.01μA	±(1%+3dig)
	mA	60.00mA/600.0mA	0.01mA	
	A	10.00A	0.01A	±(1.5%+3dig)
Resistance		600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ	0.1Ω	±(0.8%+2dig)
		60.00MΩ	0.01 MΩ	±(2%+3dig)
Capacitance		60.00nF/600.0nF/6.000μF/60.00μF	0.01nF	±(2.5%+3dig)
		600.0μF/6.000mF/60.00mF	0.1μF	±(3%+5dig)
Frequency		9.999Hz/99,99Hz/999.9Hz/9.999kHz/ 99.99kHz/99.9kHz/9.999MHz	0.001Hz	±(0.8%+2dig)
Duty Ratio		0.1%~99.9%(typical value：Vrms=1V,f=1kHz)	0.1%	±(1.2%+3dig)
		0.1%~99.9%(≥1kHz)		±(2.5%+3dig)
Temperature		- 50 ℃~400℃	1℃	±(2.5%+3dig)
		-58 ℉ ~752 ℉	1℉	±(4.5%+5dig)
Display		5999		
Frequency		(20 - 1000) Hz		
Shift Rate on DMM		3 times/s		

Automatic-manual Range Selection	√	Auto-scale	√
LCD Backlight	√	Flashlight	√
True RMS	√	NCV	√
Diode Test	√	Input Protection	√
Auto Power-off	√	Input Impedance	≥10MΩ
Low-battery Indicator	√	Safety Compliance	600V CATVI,1000V CATⅢ
Data Hold	√	Relative Measurement	√
Bluetooth	Only in OW18B		

PACKAGING | OW Series Accessories and Packaging



① Multimeter ② 9V Battery(option) ③ Screwdriver
④ K-type Thermocouple ⑤ Croc Clips ⑥ Multimeter Leads
⑦ Instructions ⑧ App Installation Guide
⑨ Product size : (L:196mm x W:88.5mm x H:56mm)
Product Weight : Net weight 0.32 kg
Product gross weight 0.55 kg
Packaging size : (L:210mm x W:132mm x H:55mm)