

# Bluetooth Digital Multimeter

## OW18A/OW18B



- + 3 5/6 bit resolution
- + Data Logger + Multimeter + Thermometer
- + BLE 4.0 wireless transmission, more stable, less power consumption
- + Chart and Diagram mode helps to analyze the data tendency
- + Flashlight function lightens the darkness
- + Support NCV non-contact voltage sense
- + True RMS test supported
- + Widely supported on Android, iOS and Windows
- + Build-in offline record function

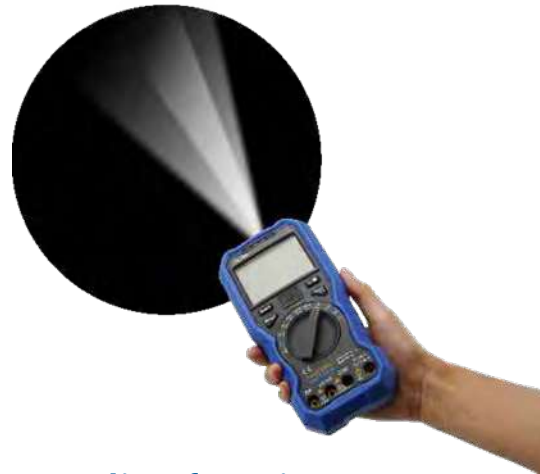
### NCV (Non-Contact Voltage) Sensor

When the non-contact voltage sensor is placed near to a live conductor, the instrument will beep and flash the row of LEDs at the top of the display depending on the AC voltage strength.



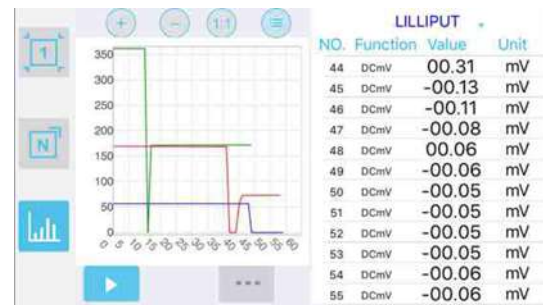
### Large Display and Built-in Flashlight

The large backlit display and built-in high brightness flashlight is ideal for measurements in darkness.



### functioning as multimeter + datalogger

the measured data always updated, and auto- recorded to mobile device, saving labor to do on-site records; the recording duration, and sampling duration could be customized, accessible in chart mode, facilitating comparison analysis between several multimeters



### offline recording function - your process analyzer

possible to record data into memory, but no need to leave mobile device on-site when data-processing, use mobile device to recall the saved data and offline recording



### + Performance Specifications

		Measurement	Resolution	Accuracy
DC Voltage	mV	60.00mV / 600.0mV	0.01mV	±(0.5%+2-dig)
	V	6.000V / 60.00V / 600.0V	1mV	±(0.5%+2-dig)
		1000V	1V	±(0.8%+2-dig)
AC Voltage	mV	600.0mV (mV version)	0.1mV	±(0.8%+2-dig)
	V	6.000V / 60.00V / 600.0V	1mV	±(0.8%+2-dig)
		750V	1V	±(1%+3-dig)
DC Current	μA	60.00uA / 600.0uA	0.01μA	±(0.8%+2-dig)
	mA	60.00mA / 600.0mA	0.01mA	±(0.8%+2-dig)
	A	20.00A	0.01A	±(1.2%+3-dig)
AC Current	μA	60.00uA / 600.0uA	0.01μA	±(1%+3-dig)
	mA	60.00mA / 600.0mA	0.01mA	±(1%+3-dig)
	A	20.00A	0.01A	±(1.5%+3-dig)
Resistance		600.0Ω / 6.000kΩ / 60.00kΩ / 600.0kΩ / 6.000MΩ	0.1Ω	±(0.8%+2-dig)
		60.00MΩ	0.01MΩ	±(2%+3-dig)
Capacitance		60.00nF / 600.0nF / 6.000μF / 60.00μF	0.01nF	±(2.5%+3-dig)
		600.0μF / 6.000mF / 60.00mF	0.1μF	±(3%+5-dig)
Frequency		9.999Hz / 99.99Hz / 999.9Hz / 9.999kHz / 99.99kHz / 999.9kHz / 9.999MHz	0.001Hz	±(0.8%+2-dig)
Duty Ratio		0.1% - 99.9% (typical value: Vrms=1V, f=1kHz)	0.1%	±(1.2%+3-dig)
		0.1% - 99.9% (≥1kHz)		±(2.5%+2-dig)
Temperature		(-50°C) - (+400°C)	1°C	±(2.5%+3-dig)
		(-58°F) - (+752°F)	1°F	±(4.5%+5-dig)
Display		5999		
Frequency Response		40Hz - 1000Hz		
Shift Rate		3 times / s		

Bluetooth Module	√	Auto Ranging	√
True RMS	√	LCD Backlight	√
Diode Test	√	Auto- / Manual Range Selection	√
Auto Power-off	√	Input Protection	√
On-off Warning	√	Input Impedance	≥10MΩ
Low-battery Indicator	√	Safety Compliance	600V, CAT IV / 1000V, CAT III
Data Hold	√	NCV	√
Relative Measurement	√	Dimension (W / H / D)	189.50 x 88.50 x 56 (mm)
Flashlight	√	Weight (without package)	0.30 kg

Specifications subject to change without prior notice.

### + Application

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

### + Accessories

The accessories subject to final delivery.

