

Bluetooth Digital Multimeter

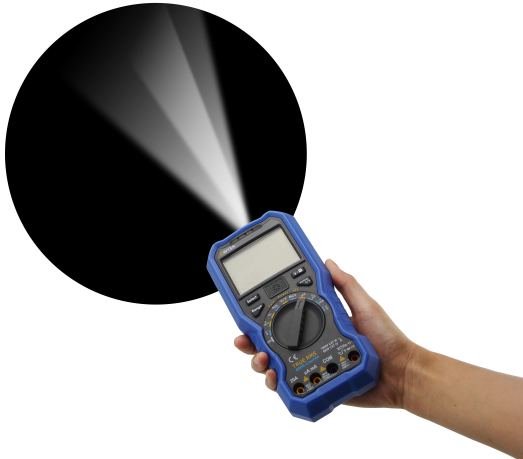
OW18A/OW18B



- + 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 supports non-stop up to 7 days non-stop recording

1. Large display with flashlight

Large display with high brightness flashlight. Can implement the test among darkness.



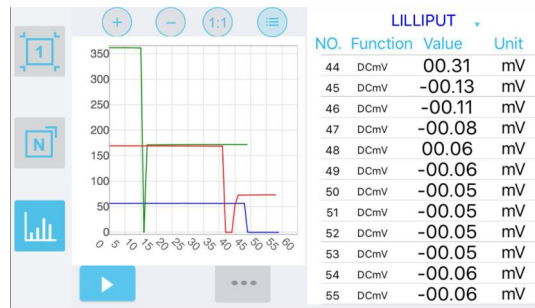
2. NCV non-contact voltage sense

While getting the non-contact voltage sensor close to conductor, the instrument will beeps and flash with the frequency according to AC voltage strength.



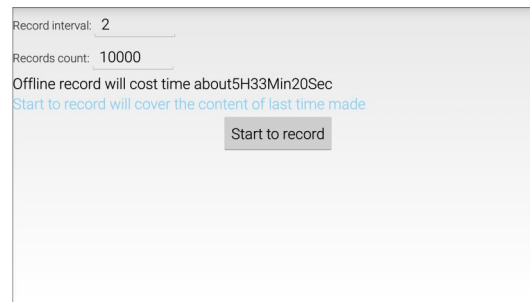
3. Functioning as multimeter + datalogger

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.



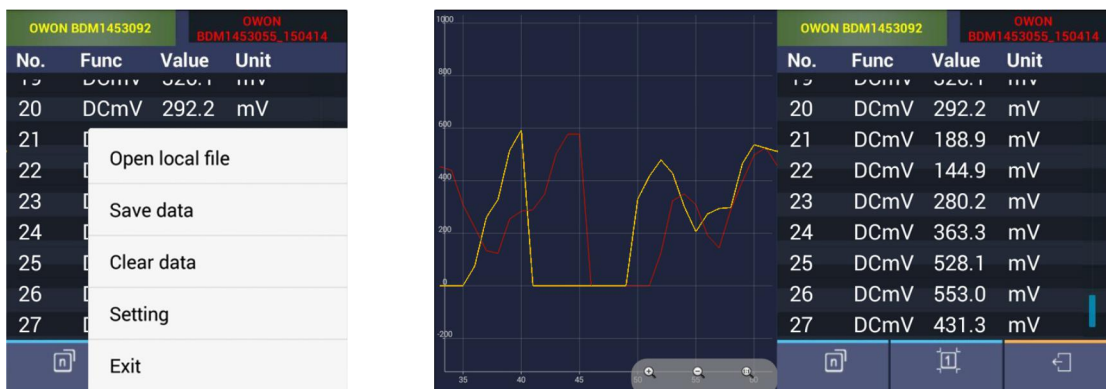
4. Offline recording function - your process analyzer

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 offline data-recording could continue for max 7 days (168 hours).



5. Data- saving, recalling, and comparatively analyzing

CSV format data export supported, the history data could be recalled for comparison analysis; with the assistance of chart mode, the measured result more visualized, easier for decision- making.



+ Performance Specifications

		Measurement Range	Resolution	Accuracy
DC Voltage		60.00mV / 600.0mV (EU)	0.01 mV	±(0.5%+2 dig)
		600.0mV / 6.000V / 60.00V / 600.0V	0.1 mV	
		1000V	1 V	±(0.8%+2 dig)
AC Voltage		6.000V / 60.00V / 600.0V	1 mV	±(0.8%+3dig)
		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	20.00A	0.01A	±(1.2%+3dig)
AC Current	μA	60.00uA / 600.0μA	0.1μA	±(1%+3dig)
	mA	60.00mA / 600.0mA	0.01mA	
	A	20.00A	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 (°C/°F)		- 50 °C ~ +400 °C	1 °C	±(2.5%+3dig)
		-58 °F ~ +752 °F	1 °F	±(4.5%+5dig)
Display		5999		
Frequency Response		(40 - 1000) Hz		
Shift Rate		3 times/s		

Bluetooth Module	√ (only in OW18B)	Auto Ranging	√
True RMS	√	LCD Backlight	√
Diode Test	√	Automatic-manual Range Selection	√
Auto Power-off	√	Input Protection	√
On-off Warning	√	Input Impedance	≥10MΩ
Low-battery Indicator	√	Safety Compliance	600V CATIV, 1000V CATIII
Data Hold	√	NCV	√
Relative Measurement	√	Dimension (W×H×D)	196 x 88.5 x56 (mm)
Flashlight	√ -	Weight (without package)	0.30 kg

Specifications subject to change without prior notice.

+ Application

electronic circuit debugging
education and training

circuit testing

design and manufacture

automobile maintenance and testing

+ Accessories

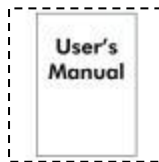
The accessories subject to final delivery.



Multimeter
Lead



K-type
Thermocouple



Manual



Alligator Clip
(optional)



Alligator Clip
(optional)



Mobile app accessible via
scanning QR code

