



پتروفرهان گستر جنوب

Performance Specifications

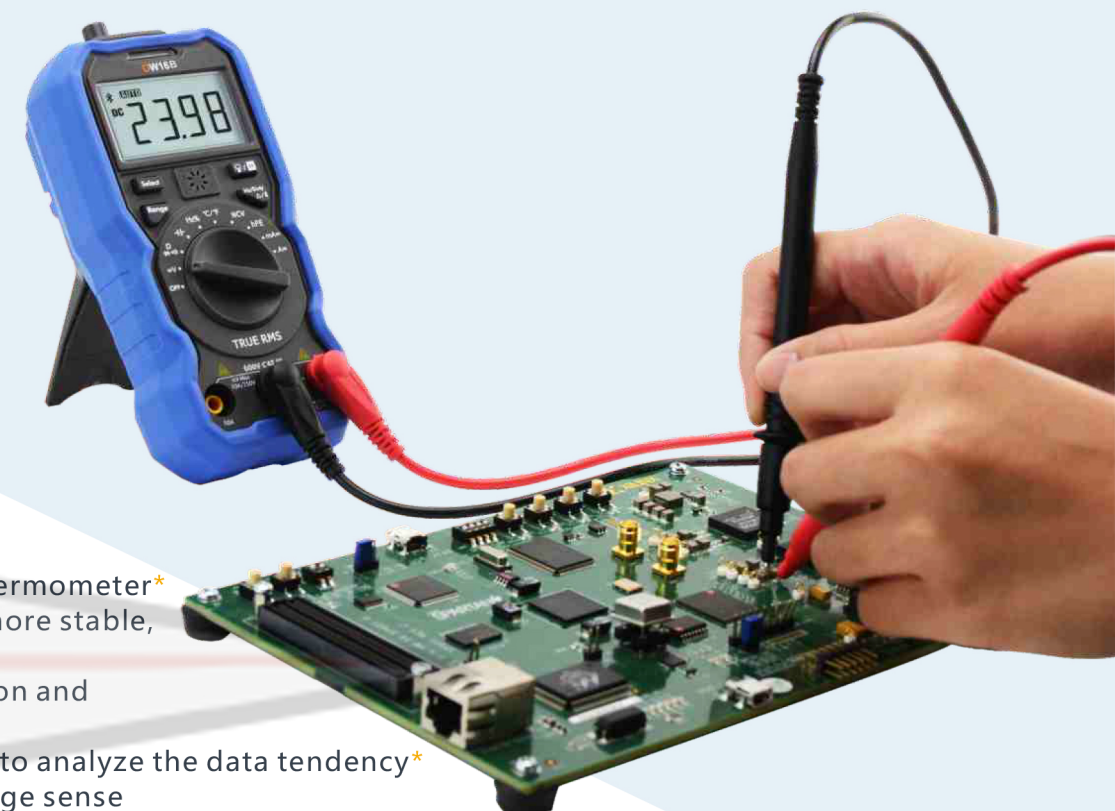
	Measurement Range	Resolution	Accuracy
DC Voltage	600.0mV/6.000V/60.00V/600.0V	0.01mV	±(0.5%+2dig)
	1000V	1V	±(0.8%+2dig)
AC Voltage	600.0mV/6.000V/60.00V/600.0V	0.1mV	±(0.8%+3dig)
	750V	1V	±(1%+3dig)
DC Current	μA 60.00uA/600.0μA	0.01μA	±(0.8%+2dig)
	mA 60.00mA/600.0mA	0.01mA	±(0.8%+2dig)
	A 10.00A	0.01A	±(1.2%+3dig)
AC Current	μA 60.00uA/600.0μA	0.01μA	±(1%+3dig)
	mA 60.00mA/600.0mA	0.01mA	±(1%+3dig)
	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	0.01MΩ	±(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°C~+400°C	1°C	±(2.5%+3dig)
	-58°F~+752°F	1°F	±(4.5%+5dig)
Display	5999		
Frequency	(40-1000)Hz		
Shift Rate on DMM	3 times / s		

Bluetooth Module	√ (only in OW16B)	Auto-scale	√
True RMS	√	LCD Backlight	√
Diode Test	√	Automatic-manual Range Selection	√
Audion Test	√	Input Protection	√
Auto Power-off	√	Input Impedance	≥10MΩ
On-off Warning	√	Safety Compliance	600V CATIII, 1000V CATII
Low-battery Indicator	√	NCV	√
Data Hold	√	Dimension (W×H×D)	154 x 73.5 x 50(mm)
Relative Measurement	√	Weight (without package)	0.20 kg

Specifications subject to change without prior notice.

owon[®]
+ Meeting your needs

Bluetooth Digital Multimeter
OW16A/OW16B



- + 3 5/6 digit resolution
- + Data Logger + Multimeter + Thermometer*
- + BLE 4.0 wireless transmission, more stable, less power consumption*
- + Support multi-devices connection and single-display monitoring*
- + Chart and Diagram mode helps to analyze the data tendency*
- + Support NCV non-contact voltage sense
- + Auto scale and True RMS test supported
- + Voice broadcast secures the test*
- + Build-in offline record function supports non-stop upto 7 days non-stop recording*
- + Support audion test
- + Widely supported on Android, iOS and Windows (needs optional Bluetooth adaptor) system.*
- + Easy to carry out with small body.

* Only in OW16B

+982165565901

+982144584619

+989034119385

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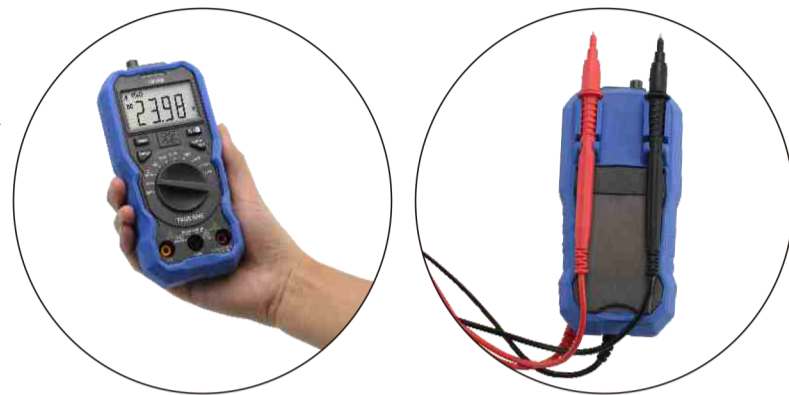
FGJ-NDT .IR

DIGINDT .IR



Bluetooth Digital Multimeter OW16A/OW16B

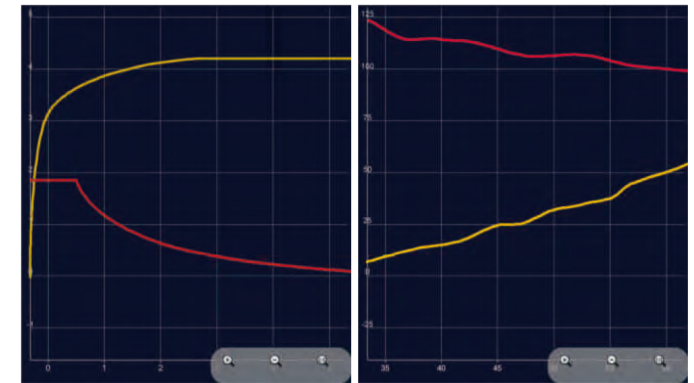
Portable design for easy carry



Not only a multimeter, also a data logger and thermometer.

Real time data are updated and recorded to end user device, no need to be in field. User can define the record time and sampling gap, data can be shown as chart and diagram, multi-devices connection supports data comparison.

User and test object are totally isolated, which secure the life



— current at input — voltage at input — current — temperature
 the experiments upon the change of current and voltage when charging Li-ion battery
 the experiments upon the current change of components under different temperature



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.



Voice broadcast secures the test



After installing the TTS voice pack on smartphone, the app supports voice broadcast. User can focus on wire connection without watching the display value. This assure the connection safety.

Support triode and temperature test

Build-in offline record function

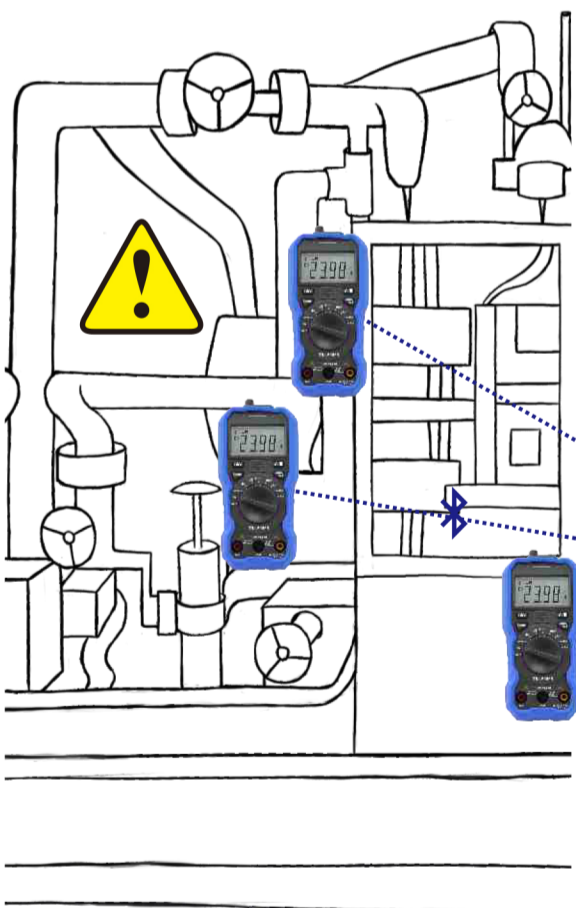
No need to put the end device in field, multimeter will save the data in its memory. Use the smartphone to load the data when connected.

No.	Func	Value	Unit
19	DCmV	329.1	mV
20	DCmV	292.2	mV
21			
22			
23			
24			
25			
26			
27			



BLE 4.0 wireless transmission, support multi-devices connection and single-display monitoring

One mobile end can connect with multiple B35 multimeters, the test object is totally isolated with user to secure their life.



Widely supported on Android, iOS, and Windows (needs optional Bluetooth adaptor) system.

