

## Handheld Digital Multimeter

### OW18E



- + 4 1/2 bit resolution
- + Data Logger + Multimeter + Thermometer
- + True RMS test supported
- + BLE 4.0 wireless transmission, more stable, less power consumption (only for OW18E)
- + Build-in offline record function
- + Chart and Diagram mode helps to analyze the data tendency
- + Flashlight function lightens the darkness
- + Support NCV non-contact voltage sense
- + Widely supported on Android, iOS, windows

### + Performance Specifications

	Measurement Range	Accuracy
DC Voltage	20.000mV/200.00mV	$\pm(0.05\%+10 \text{ dig})$
	2.0000V/20.000V/200.00V	$\pm(0.1\%+2 \text{ dig})$
	1000.0V	$\pm(0.15\%+5 \text{ dig})$
AC Voltage	20.000mV/200.00mV	$\pm(0.5\%+10 \text{ dig})$
	2.0000V/20.000V/200.00V	$\pm(0.8\%+10 \text{ dig})$
	750.00V	$\pm(0.8\%+10 \text{ dig})$
DC Current	200.00uA	$\pm(0.5\%+10 \text{ dig})$
	2.0000mA/20.000mA/200.00mA	$\pm(2.0\%+10 \text{ dig})$
	20.000A	$\pm(2.5\%+10 \text{ dig})$
AC Current	200.00uA	$\pm(0.8\%+10 \text{ dig})$
	2.0000mA/20.000mA/200.00mA	$\pm(2.5\%+10 \text{ dig})$
	20.000A	$\pm(2.5\%+10 \text{ dig})$
Resistance ( $\Omega$ )	200.00 $\Omega$	$\pm(0.5\%+10 \text{ dig})$
	2.0000k $\Omega$ /	$\pm(0.3\%+3 \text{ dig})$
	20.000k $\Omega$ /200.00k $\Omega$ /2.0000M $\Omega$	$\pm(0.3\%+1 \text{ dig})$
	20.000M $\Omega$	$\pm(0.5\%+1 \text{ dig})$
	200.00M $\Omega$	$\pm(5.0\%+10 \text{ dig})$
Capacitance (F)	2.0000nF/20.000nF/200.00nF/2.0000 $\mu$ F/20.000 $\mu$ F	$\pm(3.0\%+10 \text{ dig})$
	200.00 $\mu$ F/2.0000mF/20.000mF	
Frequency (Hz)	200.00Hz/2.0000kHz	$\pm(0.1\%+4 \text{ dig})$
	20.000kHz/200.00kHz/2.0000MHz/20.000MHz	
Duty Ratio	0.1%~99.9%(typical value : Vrms=1V,f=1kHz)	$\pm(1.2\%+3 \text{ dig})$
	0.1%~99.9%( $\geq 1 \text{ kHz}$ )	$\pm(2.5\%+3 \text{ dig})$
Temperature ( $^{\circ}\text{C}/^{\circ}\text{F}$ )	- 50 $^{\circ}\text{C}$ ~400 $^{\circ}\text{C}$ (0.1 $^{\circ}\text{C}$ )	$\pm(1.0\%+3^{\circ}\text{C})$
	-58 $^{\circ}\text{F}$ ~ 752 $^{\circ}\text{F}$ (0.1 $^{\circ}\text{F}$ )	$\pm(1.2\%+6^{\circ}\text{F})$
Display	19999	
Frequency Response	(40 - 1000) Hz	
Sample rate for digital	3 times/second	

+982165565901

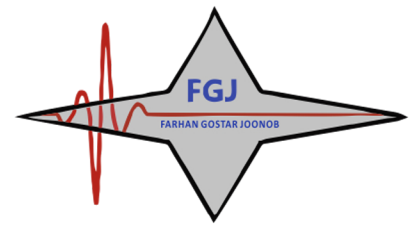
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Bluetooth Module	OW18E	Auto Ranging	√
True RMS	√	LCD Backlight	√
Diode Test	√	Automatic-manual Range Selection	√
Auto Power-off	√	Input Protection	√
On-off Warning	√	Input Impedance	≥10MΩ
Low-battery Indicator	√	Safety Compliance	600V CATIV, 1000V CATIII
Data Hold	√	NCV	√
Relative Measurement	√	Dimension (W×H×D)	190 x 90 x56 (mm)
Flashlight	√ -	Weight (without package)	0.32 kg

### + Application

electronic circuit debugging  
education and training

circuit testing **FARH** design and manufacture  
automobile maintenance and testing

### + Accessories

The accessories subject to final delivery.



Multimeter  
Lead



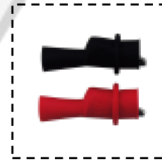
K-type  
Thermocouple



User's  
Manual



Alligator Clip  
(optional)



Alligator Clip  
(optional)



Mobile app accessible via  
scanning QR code

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