

# Handheld Digital Multimeter

## OW18D/OW18E



- + 4 1/2 bit resolution
- + True RMS test supported
- + Flashlight function lightens the darkness
- + Support NCV non-contact voltage sense

### + Performance Specifications

	Measurement Range	Accuracy
DC Voltage	20.000mV/200.00mV	±(0.05%+2 dig)
	2.0000V/20.000V/200.00V	±(0.1%+2 dig)
	1000.0V	±(0.15%+5 dig)
AC Voltage	20.000mV/200.00mV	±(0.5%+10dig)
	2.0000V/20.000V/200.00V	±(0.8%+10dig)
	750.00V	±(0.8%+10dig)
DC Current	200.00uA	±(0.5%+10dig)
	2.0000mA/20.000mA/200.00mA	±(2.0%+10dig)
	20.000A	±(2.0%+10dig)
AC Current	200.00uA	±(0.8%+10dig)
	2.0000mA/20.000mA/200.00mA	±(2.5%+10dig)
	20.000A	±(2.5%+10dig)
Resistance (Ω)	200.00Ω	±(0.5%+10dig)
	2.0000kΩ/	±(0.3%+3dig)
	20.000kΩ/200.00kΩ/2.0000MΩ	±(0.3%+1dig)
	20.000MΩ	±(0.5%+1dig)
	200.00MΩ	±(5.0%+10dig)
Capacitance (F)	2.0000nF/20.000nF/200.00nF/2.0000μF/20.000μF 200.00μF/2.0000mF/20.000mF	±(3.0%+10dig)
Frequency (Hz)	20.000Hz/200.00Hz/2.0000kHz 20.000kHz/200.00kHz/2.0000MHz/20.000MHz	±(0.1%+4dig)
Duty Ratio	0.1%~99.9%(typical value : Vrms=1V,f=1kHz)	±(1.2%+3dig)
	0.1%~99.9%(≥1kHz)	±(2.5%+3dig)
Temperature (°C/°F)	- 50 °C~400 °C(1 °C)	±(1.0%+3 °C)
	-58 °F ~ 752 °F(1 °F)	±(1.2%+6 °F)
Display	19999	
Frequency Response	(40 - 1000) Hz	
Sample rate for digital data	3 times/second	

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

### + Application

electronic circuit debugging      circuit testing      design and manufacture  
 education and training      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