EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OW Series Multi in one smart multimeter



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

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.

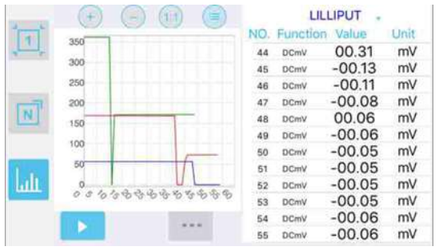
on-site temperature test





functioning as multimeter + datalogger

the measured data always updated, and auto- recorded to mobile device, saving labor to do on-site records;
the recoding 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



OW16 /OW18 Multi in one smart multimeter

		OW16A/B Measurement	OW18A/B Measurement	Accuracy
DC Voltage	mV	600mV/6.000V/60.00V/600.0V		±(0.5%+2 dig)
	V	1000V		±(0.8%+2 dig)
AC Voltage	mV	600.0mV		±(2%+5dig)
	mV	6.000V/60.00V/600.0V		±(0.8%+3dig)
	V	750V		±(1%+3dig)
DC Current	μA	/	600.0μ/6000μ	±(0.8%+2dig)
	mA	60.00mA/600.0mA		±(0.8%+2dig)
	A	10.00A/20.00A		±(1.2%+3dig)
AC Current	μA	/	600.0μ/6000μ	±(1%+3dig)
	mA	60.00mA/600.0mA		±(1%+3dig)
	A	10.00A		±(1.5%+3dig)
Resistance		600.0Ω6.000kΩ60.00kΩ600.0kΩ6.000MΩ		±(0.8%+2dig)
		60.00MΩ		±(2%+3dig)
Capacitance		60.00nF/600.0nF/6.000μ/60.00μ		±(3%+3dig)
		600.0μ/6.000mF/60.00mF		±(3%+5dig)
Frequency		9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz		±(0.8%+2dig)
Duty Ratio		0.1%-99.9%(typical value：rms=1V,f=1kHz)		±(1.2%+3dig)
		0.1%-99.9%(≥kHz)		±(2.5%+3dig)
Temperature		- 50 ℃ - 400℃		±(2.5%+3dig)
		-58 ℉ - 752 ℉		±(4.5%+5dig)
Display		5999		
Frequency Response		(40 - 1000) Hz		
Shift Rate		3次second		

Special Function

Bluetooth Module	OW16B, OW18B	Auto Ranging	√
True RMS	√	Auto- / Manual Range Selection	√
Diode Test	√	Input Protection	√
LCD Backlight	√	Input Impedance	≥10MΩ
On-off Warning	√	Safety Compliance	600V CATⅢ (OW16A,OW16B) 1000V CATⅢ (OW18A,OW18B)
Flashlight	OW18A, OW18B		
Low-battery Indicator	√	NCV	√
Data Hold	√	Dimension (W / H / D)	147mm x 74mm x 49mm (OW16A, OW16B) 190mm x 90mm x56mm (OW18A, OW18B)
Relative Measurement	√	Weight (without package)	0.29 kg(OW16A, OW16B), 0.32kg(OW18A, OW18B)

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.


Multimeter Leads


K-type Thermocouple



Quick Guide


Screwdriver


Alligator Clip (optional)