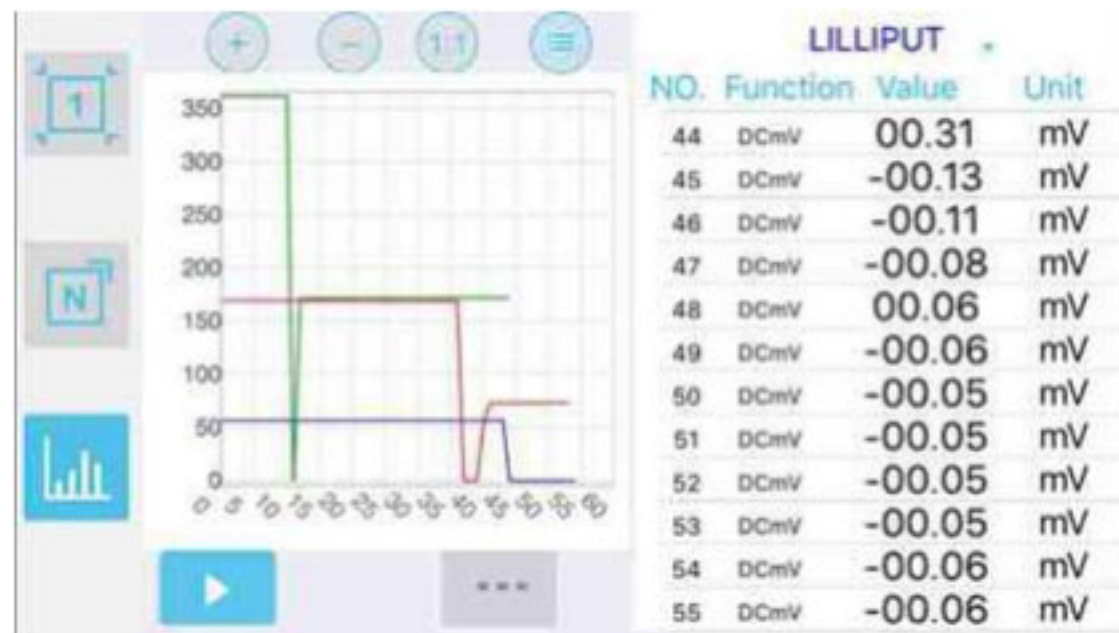# OWON®

DM Series
Bluetooth Digital Multimeter

+ function as 3 in 1 : datalogger + multimeter + temperature meter
+ multi-connection (more than one device) supported via mobile app
+ the change trend analysis accessible via special chart mode
+ voice warning supported, which assures measurement safety
+ smart voice-reading accessible
+ 4000 / 6000 - count full scale reading
+ larger display, easier data-reading; simulated bar chart
+ offline recording function (only in B33+, B35+, and B35T+)
+ true RMS value available (only in B35T, B35T+ and D35T)
+ Bluetooth 2.0 version - supports mobile device with Android 4.0 or above OS
+ Bluetooth 4.0 version - supports mobile device with Android 4.3 or above / iOS 7.0 or above OS, and equipped with ble 4.0 module

CAT III
1000V CE

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 B35

remote control supported

the function activated after TTS voice pack installed, which frees the eye-watch, making on-site measurement more comfortable

🔊 voice on
🔇 voice off

OWON BDM1453098

AUTO   Select
DCmV   Range
Hold   346.3   Hz/Duty
Rel   Max/Min
              mV

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

offline recording function - your process analyzer

B33+ / B35+ / B35T+ 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)

Record interval: 2
Records count: 10000
Offline record will cost time about5H33Min20Sec
Start to record

✛ Performance Specifications

Model			B41T+	
DC Voltage	mV	220mV	0.01mV	±(0.05%+10-digit)
	V	2.2V	0.1mV	
		22V	1mV	
		220V	10mV	
		1000V	0.1V	±(0.1%+10-digit)
AC Voltage	mV	220mV	0.01mV	±(1.0%+25-digit)
	V	2.2V	0.1mV	±(0.8%+25-digit)
		22V	1mV	
		220V	10mV	
		750V	0.1V	±(1.0%+25-digit)
DC Current	μA	220μA	0.01μA	±(0.5%+10-digit)
		2200μA	0.1μA	
	mA	22mA	1μA	±(0.8%+10-digit)
		220mA	10μA	
	A	20.00A	1mA	±(2%+25-digit)
AC Current	μA	220μA	0.01μA	±(1.2%+25-digit)
		2200μA	0.1μA	
	mA	22mA	1μA	±(1.5%+25-digit)
		220mA	10μA	
	A	20.00A	1mA	±(2.5%+35-digit)
Resistance		220Ω	0.01MΩ	±(0.5%+30-digit)
		2.2kΩ	0.1Ω	
		22kΩ	1Ω	±(0.4%+5-digit)
		220kΩ	10Ω	
		2.2MΩ	100Ω	
		22MΩ	1.2kΩ	±(0.5%+25-digit)
		220MΩ	100kΩ	±(5%+10-digit)
Capacitance		22nF	1pF	
		220nF	10pF	
		2.2μF	100pF	±(2.5%+15-digit)
		22μF	1nF	
		220μF	10nF	
		2.2mF	100nF	±(4.0%+10-digit)
		>220mF	/	/
Frequency		22.00Hz	0.01Hz	
		220.0Hz	0.1Hz	
		22.000kHz	1Hz	
		220.00kHz	10Hz	
		22.00Hz	100Hz	±(0.1%+4-digit)
		2.2000MHz	1kHz	
		22.000MHz	10kHz	
		>220MHz	/	/
Duty Ratio		5.0% - 94.9% (typical value : Vrms=1V, f=1kHz)	0.1%	±(1.2%+3-digit)
		0.1% - 99.9% (≥1kHz)		±(2.5%+3-digit)
Temperature		-50℃ - 400℃	0.1℃	±(1.0%+5-digit)
		-58 ℉ - 752 ℉	0.1℉	±(1.2%+6-digit)
Display		21999 count		
Frequency Response		40Hz - 10000Hz		
Shift Rate		3 times / s		