

Bluetooth Digital Multimeter OWON BT35



- + 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
- + 6000 - count full scale reading
- + larger display, easier data-reading; simulated bar chart comes as an added option

+ true RMS value available (only in B35T, and D35T)

+ Performance Specifications

		Measurement Range	Resolution	
Model: D35, D35T, B35, B35T				
DC Voltage	mV	60.00mV / 600.0mV	0.01mV	±
	V	60.00mV / 600.0mV / 6.000V / 60.00V	0.1mV	
		600.0V / 1000V	0.1V	
AC Voltage	mV	60.00mV / 600.0mV	0.01mV	±
	V	60.00mV / 600.0mV / 6.000V / 60.00V	1mV	±
		600.0V / 750V	0.1V	±
DC Current	µA	600.0µA	0.1µA	±
	mA	600.0µA / 6.000mA / 60.00mA / 600.0mA / 6.000A	0.01mA	±
	A	20.00A	1mA	±
AC Current	µA	600.0µA	0.1µA	±
	mA	600.0µA / 6.000mA / 60.00mA / 600.0mA / 6.000A	0.01mA	±
	A	20.00A	1mA	±
Resistance		600.0Ω / 6.000kΩ / 60.00kΩ / 600.0kΩ / 6.000MΩ / 10.00MΩ	0.1Ω	±
		60.00MΩ	0.01MΩ	±
Capacitance		40.00nF	0.01nF	±
		400.0nF / 4.000µF / 40.00µF	0.1nF	±
		400.0µF / 4000µF	0.1µF	±

	Measurement Range	Resolution	Accuracy
Frequency	9.999Hz / 99.99Hz / 999.9Hz / 9.999kHz / 99.99kHz / 999.9kHz / 9.999MHz	1mHz	±(0.8%+2digit)
Duty Ratio	0.1% - 99.9% (typical value: Vrms = 1V, f = 1kHz)	0.1%	±(1.2%+3digit)
	0.1% - 99.9% (≥1kHz)		±(2.5%+2digit)
Temperature	(-50°C) - (+400°C)	1°C	±(2.5%+3digit)
	(-58°F) - (+752°F)	1°F	±(4.5%+5digit)
Display	6000 count		
Frequency	40Hz - 400Hz		
Shift Rate	3 times / s		
Simulated Chart Shift Rate	30 times / s		

Model: D35, D35T, B35, B35T

Bluetooth Module	√ (only in B35, and B35T)	Max / Min Value	√
Auto-scale	√	LCD Backlight	√
True RMS	√ (only in B35T, and D35T)	Simulated Chart	√
Diode Test	√	Input Protection	√
Audion Test	√	Input Impedance	10MΩ
Auto Power-off	√	LCD Size	69mm x 52mm
On-off Warning	√	Display Area	67 x 46 mm (effective area 66 x 45 mm)
Low-battery Indicator	√	Battery	3V (2.5V x 2)
Data Hold	√	Dimension (W x H x D)	85 x 185 x 30 (mm)
Relative Measurement	√	Weight (without package)	0.32 kg

Specifications subject to change without prior notice.