

Digital Multimeter

Dawson DDM645



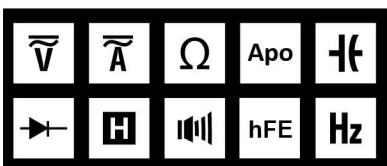
DDM645

Dawson Digital Multimeter

This digital multimeter is a professional hand-held meter capable of measuring AC/DC voltage, AC/DC current, resistance, capacitance, frequency, continuity, diodes, and hFE transistor gain. This meter is easy to use with one hand and is ideal for both professionals and hobbyists alike.

VOLTAGE	AC 750V DC 1000V
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CURRENT	AC 10A DC 10A
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For Additional product information please contact Dawson Tools at
1142 S. Diamond Bar Blvd., #858 Diamond Bar, CA 91765

Tel: 310-728-6220 www.dawsonstools.com

Technical Specification

Measurement	Measuring Range	Accuracy*/ Description	Resolution
Voltage			
DC (V)	200mV	$\pm(0.05\% + 3 \text{ counts})$	0.01mV
	2V	$\pm(0.1\% + 3 \text{ counts})$	0.1mV
	20V		1mV
	200V		10mV
	1000V	$\pm(0.15\% + 2 \text{ counts})$	0.1V
AC (V)	2V	$\pm(0.05\% + 10 \text{ counts})$	0.1mV
	20V	$\pm(0.8\% + 10 \text{ counts})$	1mV
	200V		10mV
	750V	$\pm(1.0\% + 15 \text{ counts})$	0.1V
Current			
DC (A)	2mA	$\pm(0.5\% + 5 \text{ counts})$	0.1 μ A
	20mA		1 μ A
	200mA	$\pm(0.8\% + 5 \text{ counts})$	0.01mA
	10A	$\pm(2.0\% + 10 \text{ counts})$	1mA
AC (A)	2mA	$\pm(0.8\% + 10 \text{ counts})$	0.1 μ A
	20mA		1 μ A
	200mA	$\pm(1.2\% + 10 \text{ counts})$	0.01mA
	10A	$\pm(2.5\% + 10 \text{ counts})$	1mA
Resistance			
Ohms (Ω)	200 Ω	$\pm(0.5\% + 10 \text{ counts})$	0.01 Ω
	2k Ω	$\pm(0.3\% + 1 \text{ count})$	0.1 Ω
	20k Ω		1 Ω
	200k Ω		10 Ω
	2M Ω		0.1k Ω
	20M Ω	1k Ω	
	200M Ω	$\pm(5.0\% + 10 \text{ counts})$	10k Ω
Frequency			
Hertz (Hz)	20kHz	$\pm(2.0\% + 5 \text{ counts})$	10Hz
Capacitance			
Farads (F)	20nF	$\pm(4.0\% + 20 \text{ counts})$	1pF
	200nF		10pF
	2 μ F		0.1nF
	20 μ F		1nF
	200 μ F		10nF
Diode			
Voltage (V)	2.7V	Forward biased voltage drop	0.1mV
Continuity			
Ohms (Ω)	2k Ω	Beep at <50 Ω	0.1 Ω
Transistor (hFE)			
Gain	1000	Transistor Gain	0.1

* All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions or under required conditions.

Technical Specification (Cont.)

Product Information

Display Counts: 20,000

Data Hold: Yes

Auto Power Off: Yes

Power Supply: 1x 9V battery

Dimensions (LxWxH): 7.67"x3.74"x2.16"/195x95x55 (mm)

Weight: 0.81 lbs (366 g)

Certificate: CE

Safety Rating: CAT. II 1000V, CAT. III 600V

Warranty: 3 years

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