

Digital Multimeter

Dawson DDM640



DDM640

Dawson Digital Multimeter

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

VOLTAGE	AC 750V DC 1000V
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CURRENT	AC 10A DC 10A
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			Apo
			hFE



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
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Voltage

DC (V)	200mV	$\pm(0.5\% + 2 \text{ counts})$	0.1mV
	2V		1mV
	20V		10mV
	200V		0.1V
	1000V		1V
AC (V)	200mV	$\pm(1.2\% + 3 \text{ counts})$	0.1mV
	2V	$\pm(0.8\% + 3 \text{ counts})$	1mV
	20V		10mV
	200V		0.1V
	750V	$\pm(1.2\% + 3 \text{ counts})$	1V

Current

DC (A)	20 μ A	$\pm(2.0\% + 5 \text{ counts})$	0.01 μ A
	200 μ A	$\pm(0.8\% + 1 \text{ count})$	0.1 μ A
	2mA	$\pm(1.5\% + 1 \text{ counts})$	1 μ A
	20mA		0.01mA
	200mA		0.1mA
10A	$\pm(2.0\% + 5 \text{ counts})$	10mA	
AC (A)	20 μ A	$\pm(2.0\% + 5 \text{ counts})$	0.01 μ A
	200 μ A	$\pm(1.0\% + 5 \text{ counts})$	0.1 μ A
	2mA		1 μ A
	20mA		0.01mA
	200mA	$\pm(1.8\% + 5 \text{ counts})$	0.1mA
10A	$\pm(3.0\% + 7 \text{ counts})$	10mA	

Resistance

Ohms (Ω)	200 Ω	$\pm(0.8\% + 3 \text{ counts})$	0.1 Ω
	2k Ω	$\pm(0.8\% + 2 \text{ counts})$	1 Ω
	20k Ω		10 Ω
	200k Ω		100 Ω
	2M Ω		1k Ω
	20M Ω	$\pm(1.0\% + 2 \text{ count})$	10k Ω
	200M Ω	$\pm(6.0\% + 10 \text{ counts})$	100k Ω

Diode

Voltage (V)	2.7V	Forward biased voltage drop	0.1mV
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Continuity

Ohms (Ω)	2k Ω	Beep at <50 Ω	0.1 Ω
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Transistor (hFE)

Gain	1000	Transistor Gain	0.1
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* 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: 2,000

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. III 600V

Warranty: 3 years

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