

Hand-Held Digital Multimeter

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GDM-394(3 3/4Digits)

FEATURES

- * 3999 Counts Auto/Manual Ranging
- * Capacitance, Frequency Measurement
- * Continuity Beeper/Diode Test
- * High Energy Fused For 10A Range
- * Data Hold/Relative Mode

GDM-396(3 3/4Digits)

FEATURES

- * 3999 Counts Auto/Manual Ranging
- * High Energy Fused for 10A Range
- * Capacitance, Frequency Measurement
- * Continuity Beeper/Diode Test
- * Data Hold/Relative Mode
- * True RMS/RS232C

GDM-395(3 3/4Digits)

FEATURES

- * Slim Pocket Digital Multimeter
- * 3999 Counts Auto/Manual Ranging
- * Capacitance, Frequency Measurement
- * Continuity Beeper/Diode Test
- * Data Hold/Relative Mode

SPECIFICATIONS

DC VOLTAGE	
Range	200mV, 2V, 20V, 200V, 1000V (GDM-451/356) 400mV, 4V, 40V, 400V, 1000V (GDM-394/396) 400mV, 4V, 40V, 400V, 600V (GDM-395) 200mV, 2V, 20V, 200V, 500V (GDM-350A)
Best Accuracy	$\pm (0.05\% \text{rdg} + 3 \text{digits})$ for GDM-451 $\pm (0.8\% \text{rdg} + 1 \text{digit})$ for GDM-394/396 $\pm (0.5\% \text{rdg} + 1 \text{digit})$ for GDM-356 $\pm (0.7\% \text{rdg} + 3 \text{digits})$ for GDM-395 $\pm (0.5\% \text{rdg} + 2 \text{digits})$ for GDM-350A
Input Impedance	10M Ω
AC VOLTAGE (40Hz ~ 400Hz)	
Range	2V, 20V, 200V, 750V (GDM-451/356) 4V, 40V, 400V, 750V (GDM-394/396) 4V, 40V, 400V, 600V (GDM-395) 200V, 500V (GDM-350A)
Best Accuracy	$\pm (0.5\% \text{rdg} + 10 \text{digits})$ for GDM-451 $\pm (1\% \text{rdg} + 5 \text{digits})$ for GDM-394/396 $\pm (2.3\% \text{rdg} + 5 \text{digits})$ for GDM-395 $\pm (0.8\% \text{rdg} + 3 \text{digits})$ for GDM-356 $\pm (1.2\% \text{rdg} + 10 \text{digits})$ for GDM-350A
Input Impedance	10M Ω (5M Ω for GDM-350A) (2M Ω for GDM-451)
DC CURRENT	
Range	2mA, 20mA, 200mA, 20A (GDM-451) 400uA, 4mA, 40mA, 400mA, 4A, 10A (GDM-394/396) 200uA, 2mA, 20mA, 200mA, 10A (GDM-350A) 20mA, 200mA, 20A (GDM-356)
Best Accuracy	$\pm (0.5\% \text{rdg} + 5 \text{digits})$ for GDM-451 $\pm (1\% \text{rdg} + 2 \text{digits})$ for GDM-394/396/350A $\pm (0.8\% \text{rdg} + 1 \text{digit})$ for GDM-356
AC CURRENT (50Hz ~ 400Hz)	
Range	20mA, 200mA, 20A (GDM-451/356) 400uA, 4mA, 40mA, 400mA, 4A, 10A (GDM-394/396)
Best Accuracy	$\pm (0.8\% \text{rdg} + 10 \text{digits})$ for GDM-451 $\pm (1.5\% \text{rdg} + 5 \text{digits})$ for GDM-394/396 $\pm (1\% \text{rdg} + 3 \text{digits})$ for GDM-356
RESISTANCE	
Range	200 Ω ~ 200M Ω 7 ranges (GDM-451) 200 Ω ~ 200M Ω 7 ranges (GDM-356) 400 Ω ~ 40M Ω 6 ranges (GDM-394/395/396) 200 Ω ~ 20M Ω 6 ranges (GDM-350A)

Best Accuracy	$\pm (0.3\% \text{rdg} + 1 \text{digit})$ for GDM-451 $\pm (1\% \text{rdg} + 2 \text{digits})$ for GDM-394/396 $\pm (2\% \text{rdg} + 5 \text{digits})$ for GDM-395 $\pm (0.8\% \text{rdg} + 1 \text{digit})$ for GDM-356 $\pm (0.8\% \text{rdg} + 2 \text{digits})$ for GDM-350A
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CONTINUITY BEEPER

Buzzer sounds if conductance less than 70 Ω

DIODE TEST

Open Voltage 3.0V typical (1.5V Typical for GDM-395)

CAPACITANCE

Range	2nF, 20nF, 2 μ F, 20 μ F (GDM-451) 20nF, 200nF, 2 μ F, 100 μ F (GDM-356) 40nF, 400nF, 4 μ F, 40 μ F, 100 μ F (GDM-394/395/396)
Best Accuracy	$\pm (3\% \text{rdg} + 40 \text{digits})$ for GDM-451 $\pm (3\% \text{rdg} + 5 \text{digits})$ for GDM-394/396 $\pm (5\% \text{rdg} + 10 \text{digits})$ for GDM-395 $\pm (4\% \text{rdg} + 3 \text{digits})$ for GDM-356

FREQUENCY

Range	1Hz~20kHz (GDM-451/356) 10Hz ~ 10MHz (GDM-394/396) 1Hz~99.9kHz (GDM-395)
Best Accuracy	$\pm (1.5\% \text{rdg} + 5 \text{digits})$ for GDM-451/356 $\pm (0.1\% \text{rdg} + 3 \text{digits})$ for GDM-394/396 $\pm (0.7\% \text{rdg} + 3 \text{digits})$ for GDM-395

TEMPERATURE(°C)

Range	-40°C ~ 1000°C
Best Accuracy	$\pm 1\% + 30$ (GDM-451) $\pm 1\% + 3$ (GDM-396/356/350A)

SPECIAL FUNCTION

Duty cycle, Auto Ranging (GDM-394/396)
True RMS, RS232C (GDM-396)

LCD DISPLAY

4 1/2 digits (GDM-451), 3999 counts (GDM-394/395/396),
3 1/2 digits (GDM-356/350A)

POWER SOURCE

Single 9V battery (6F22), Cell Battery for GDM-395(CR2032)

ACCESSORIES

Instruction manual, Battery, Test leads

DIMENSIONS & WEIGHT

85(W) x 177(H) x 40(D) mm, Approx. 330g (GDM-394/396)
80(W) x 165(H) x 38.3(D) mm, Approx. 275g (GDM-451/356)
73.5(W) x 130(H) x 35(D) mm, Approx. 156g (GDM-394/350A)
56(W) x 110(L) x 11.5(D) mm, Approx. 97g (GDM-395)

Hand-Held Digital Multimeter

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GDM-451 (4 1/2 Digits)

GDM-356 (3 1/2 Digits)

GDM-350A (3 1/2 Digits)

FEATURES

- * 4 1/2 Digits 19999 counts
- * Manual Ranging
- * Continuity Check/Diode Test
- * Data Hold
- * Temperature Measurement
- * Capacitance, Frequency Measurement

FEATURES

- * 3 1/2 Digits 1999 counts
- * Manual Ranging
- * Continuity Beeper/Diode Test
- * Capacitance Measurement
- * Frequency, Temperature Measurement

FEATURES

- * 3 1/2 Digits 1999 counts
- * Manual Ranging
- * Continuity Beeper/Diode Test
- * Temperature Measurement

SELECTION GUIDE

Special Function	GDM-451	GDM-394	GDM-396	GDM-356	GDM-350A	GDM-395
Max. Display	19999	3999	3999	1999	1999	3999
Fused 10A Range		✓	✓			
Auto Ranging		✓	✓			✓
Diode	✓	✓	✓	✓	✓	✓
Continuity	✓	✓	✓	✓	✓	✓
Capacitance	✓	✓	✓	✓		✓
Frequency	20k	10M	10M	20k		100k
Temperature	✓		✓	✓	✓	
Duty Cycle(%)		✓	✓			✓
True RMS			✓			
Relative mode		✓	✓			✓
Data Hold	✓	✓	✓	✓	✓	✓
RS232C			✓			
Display Backlight	✓	✓	✓	✓	✓	

ORDERING INFORMATION

GDM-451	4 1/2 Digits Hand-Held DMM
GDM-396	3 3/4 Digits Hand-Held DMM with True R.M.S, Measurement and RS-232C Inter face
GDM-394	3 3/4 Digits Hand-Held DMM
GDM-395	3 3/4 Digits Hand-Held DMM
GDM-356	3 1/2 Digits Hand-Held DMM
GDM-350A	3 1/2 Digits Hand-Held DMM