



GDM-394/396 (3 3/4 Digits)



GDM-395 (3 3/4 Digits)



GDM-394

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

GDM-396

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

GDM-395

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

The GDM-300/400 Series Hand Held DMM are a compact, high precision, battery operated multimeter series designed to meet of service engineers. The GDM-300/400 Series design is driven by mobile-oriented features: automatic power off to preserve battery life, a large backlight display for crisp viewing, a rotary selector and push buttons to ease operation, and temperature measurement for outdoor use. The basic functions match the depth of bench-top multimeters: fuse-protected current input, true RMS for accurate AC measurements, Auto ranging, Duty cycle, and Relative mode. These compact, reliable, and economical devices are ideal for any engineer.

SPECIFICATIONS	
DC VOLTAGE	
Range	200mV, 2V, 20V, 200V, 1000V (GDM-451/356); 400mV, 4V, 40V, 400V, 1000V (GDM-394/396)
Best Accuracy	400mV, 4V, 40V, 400V, 600V (GDM-395); 200mV, 2V, 20V, 200V, 500V (GDM-350A) $\pm (0.05\% \text{rdg} + 3 \text{ digits})$ 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)
Best Accuracy	4V, 40V, 400V, 600V (GDM-395); 200V, 500V (GDM-350A) $\pm (0.5\% \text{rdg} + 10 \text{ digits})$ 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)
Best Accuracy	200uA, 2mA, 20mA, 200mA, 10A (GDM-350A); 20mA, 200mA, 20A (GDM-356) $\pm (0.5\% \text{rdg} + 5 \text{ digits})$ 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-451/356) 200 Ω , 2k Ω , 20k Ω , 200k Ω , 20M Ω 5 ranges (GDM-350A) 400 Ω ~ 40M Ω 6 ranges (GDM-394/395/396)
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
CONTINUITY BEEPER	
Buzzer sounds if conductance less than 70 Ω	
DIODE TEST	
Open Circuit Voltage	GDM-394/395/396 : 1.48V (Approx.) GDM-356/451/350A : 2.85V (Approx.)
CAPACITANCE	
Range	2nF, 20nF, 2 μ F, 20 μ F (GDM-451); 20nF, 200nF, 2 μ F, 100 μ F (GDM-356)
Best Accuracy	40nF, 400nF, 4 μ F, 40 μ F, 100 μ F (GDM-394/395/396) $\pm (3\% \text{rdg} + 40 \text{ digits})$ 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)
Best Accuracy	1Hz ~ 99.9kHz (GDM-395) $\pm (1.5\% \text{rdg} + 5 \text{ digits})$ 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	
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, RS-232C (GDM-396)	



GDM-451 (4 1/2 Digits)



GDM-356 (3 1/2 Digits)



GDM-350A (3 1/2 Digits)



SPECIFICATIONS

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)

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-350A)
 56(W) x 110(L) x 11.5(D) mm, Approx. 97g (GDM-395)

GDM-451

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

GDM-356

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

GDM-350A

- * 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	✓	✓	✓	✓	✓	
Auto Power Off	✓	✓		✓		✓

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 Interface
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

ACCESSORIES :

User manual x1, Test leads

FREE DOWNLOAD

GDM-396 PC Software PC Software ; Remote software (RS-232)