

# 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

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

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

Buzzer sounds if conductance less than 70 $\Omega$

### DIODE TEST

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

### CAPACITANCE

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

### FREQUENCY

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

### TEMPERATURE(°C)

<b>Range</b>	-40°C~1000°C
<b>Best Accuracy</b>	$\pm$ 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-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

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