

GW instek브랜드의 GDM-300/400시리즈 핸드헬드 멀티미터는 배터리 구동으로 사용이 가능하며

고정밀도를 자랑하는 서비스 엔지니어들이 많이 찾는 DMM입니다.

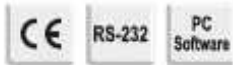
모든 핸드헬드 타입의 DMM의 사이즈는 작고 가벼워서 휴대하여 테스트 또는 측정을 할 수 있는 특징을 갖고 있습니다. 벤치탑멀티미터 기능에 전혀 손색이 없는 GDM-300/400시리즈는 퓨즈보호 전류 입력,정확한 AC측정을 위한 실효치 측정,오토 레인지,듀티사이클,relative모드 등 기능이 기본적으로 들어가고 배터리 수명을 유지해주는 자동 전원 off기능과 백라이트디스플레이,로터리 선택기,누르는 버튼 및 야외 사용을 위한 온도 측정등 다양한 조작키는 사용자에게 편의성을 제공하였습니다.

**SELECTION GUIDE**

MODEL	GDM-461	GDM-451	GDM-397	GDM-396	GDM-394	GDM-395	GDM-356	GDM-350B
Max. Display	22000	19999	4000	3999	3999	3999	1999	1999
Auto Ranging	•		•	•	•	•		
Analog Bar	•		•					
True RMS	•			•				
Display Backlight		•	•	•	•		•	
Fused 10ARange	•		•	•	•			•
Auto Power off		•	•		•	•	•	
DC Voltage	1000V	1000V	1000V	1000V	1000V	600V	1000V	250V
AC Voltage	750V	750V	750V	750V	750V	600V	750V	250V
DC Current	10A	20A	10A	10A	10A		20A	10A
AC Current	10A	20A	10A	10A	10A		20A	
Resistance	220MΩ	200MΩ	40MΩ	40MΩ	40MΩ	40MΩ	200MΩ	20MΩ
Capacitance	220mF	20μF	4000μF	100μF	100μF	100μF	100μF	
Frequency	220MHz	20kHz	10MHz	10MHz	10MHz	99.9kHz	20kHz	
Diode	•	•	•	•	•	•	•	•
Continuity	•	•	•	•	•	•	•	•
Temperature		•	•	•			•	•
Duty Cycle(%)	•		•	•		•		
Transistor (hFE)	•							•
REL	•		•	•	•	•		
Data Hold	•	•	•	•	•	•	•	•
Peak Hold	•							
MAX MIN			•					
RS232C	•		•	•				



**GDM-461** **NEW**



**GDM-397** **NEW**



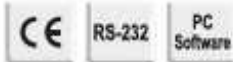
**GDM-350B** **NEW**



**GDM-451**



**GDM-394/396**



**GDM-356**



**GDM-395**



<b>DC VOLTAGE</b>	
Range	220mV, 2.2V, 22V, 220V, 1000V(GDM-461); 200mV, 2V, 20V, 200V, 1000V(GDM-451/356) 40mV, 400mV, 4V, 40V, 400V, 1000V(GDM-397); 400mV, 4V, 40V, 400V, 1000V(GDM-394/396) 400mV, 4V, 40V, 400V, 600V(GDM-395); 200mV, 2000mV, 20V, 200V, 250V(GDM-350B)
Best Accuracy	$\pm(0.1\%rdg + 2 \text{ digits})$ for GDM-461; $\pm(0.05\%rdg + 3 \text{ digits})$ for GDM-451 $\pm(0.5\%rdg + 1 \text{ digit})$ for GDM-397/356; $\pm(0.8\%rdg + 1 \text{ digit})$ for GDM-394/396 $\pm(0.7\%rdg + 3 \text{ digits})$ for GDM-395; $\pm(0.5\%rdg + 2 \text{ digits})$ for GDM-350B
Input Impedance	10 M $\Omega$ (3000M $\Omega$ for mV range of GDM-461/397)
<b>AC VOLTAGE</b>	
Range	220mV, 2.2V, 22V, 220V, 750V(GDM-461); 2V, 20V, 200V, 750V(GDM-451/356) 40mV, 400mV, 4V, 40V, 400V, 750V(GDM-397); 4V, 40V, 400V, 750V(GDM-394/396) 4V, 40V, 400V, 600V(GDM-395); 200V, 250V(GDM-350B)
Best Accuracy	$\pm(0.8\%rdg + 10 \text{ digits})$ for GDM-461; $\pm(0.5\%rdg + 10 \text{ digits})$ for GDM-451 $\pm(1.0\%rdg + 3 \text{ digits})$ for GDM-397; $\pm(1.0\%rdg + 5 \text{ digits})$ for GDM-394/396 $\pm(0.8\%rdg + 3 \text{ digits})$ for GDM-356; $\pm(2.3\%rdg + 5 \text{ digits})$ for GDM-395 $\pm(1.2\%rdg + 3 \text{ digits})$ for GDM-350B
Input Impedance	10 M $\Omega$ (3000M $\Omega$ for mV range of GDM-461/397; 4.5M $\Omega$ for GDM-350B; 2M $\Omega$ for GDM-451)
<b>DC CURRENT</b>	
Range	220 $\mu$ A, 2200 $\mu$ A, 22mA, 220mA, 10A(GDM-461); 2mA, 20mA, 200mA, 20A(GDM-451) 400 $\mu$ A, 4000 $\mu$ A, 40mA, 400mA, 4A,10A(GDM-397); 2000 $\mu$ A, 20mA, 200mA, 10A(GDM-350B) 400 $\mu$ A, 4mA, 40mA, 400mA, 4A,10A(GDM-394/396); 20mA, 200mA, 20A(GDM-356)
Best Accuracy	$\pm(0.5\%rdg + 10 \text{ digits})$ for GDM-461; $\pm(0.5\%rdg + 5 \text{ digits})$ for GDM-451 $\pm(1.0\%rdg + 2 \text{ digits})$ for GDM-397/394/396/350B; $\pm(0.8\%rdg + 1 \text{ digit})$ for GDM-356
<b>AC CURRENT</b>	
Range	220 $\mu$ A, 2200 $\mu$ A, 22mA, 220mA, 10A(GDM-461); 20mA, 200mA, 20A(GDM-451/356) 400 $\mu$ A, 4000 $\mu$ A, 40mA, 400mA, 4A,10A(GDM-397) 400 $\mu$ A, 4mA, 40mA, 400mA, 4A,10A(GDM-394/396)
Best Accuracy	$\pm(0.8\%rdg + 10 \text{ digits})$ for GDM-461/451; $\pm(1.2\%rdg + 5 \text{ digits})$ for GDM-397 $\pm(1.5\%rdg + 5 \text{ digits})$ for GDM-394/396; $\pm(1.0\%rdg + 3 \text{ digits})$ for GDM-356
<b>RESISTANCE</b>	
Range	220 $\Omega$ ~ 220M $\Omega$ 7 ranges(GDM-461); 200 $\Omega$ ~ 200M $\Omega$ 7 ranges(GDM-451/356) 400 $\Omega$ ~ 40M $\Omega$ 6 ranges(GDM-394/395/396/397); 200 $\Omega$ ~ 20M $\Omega$ 6 ranges(GDM-350B)
Best Accuracy	$\pm(0.5\%rdg + 10 \text{ digits})$ for GDM-461; $\pm(0.3\%rdg + 1 \text{ digit})$ for GDM-451 $\pm(1.0\%rdg + 2 \text{ digits})$ for GDM-394/396/397; $\pm(2.0\%rdg + 5 \text{ digits})$ for GDM-395 $\pm(0.8\%rdg + 1 \text{ digit})$ for GDM-356; $\pm(0.8\%rdg + 5 \text{ digits})$ for GDM-350B
<b>CONTINUITY BEEPER</b>	
Buzzer sounds if	conductance less than 70 $\Omega$ forGDM-451/394/395/396/356
Buzzer sounds if	conductance less than 10 $\Omega$ for GDM-461/397/350B
<b>DIODE TEST</b>	
Open Circuit Voltage	GDM-461/451/397/356 : 2.8V(Approx.); GDM-394/395/396 : 1.48V(Approx.) GDM-350B : 2.3V(Approx.)
<b>CAPACITANCE</b>	
Range	22nF, 220nF, 2.2 $\mu$ F, 22 $\mu$ F, 220 $\mu$ F, 2.2mF, 22mF, 220mF(GDM-461) 40nF, 400nF, 4 $\mu$ F, 40 $\mu$ F, 400 $\mu$ F, 4000 $\mu$ F(GDM-397); 2nF, 20nF, 2 $\mu$ F, 20 $\mu$ F(GDM-451) 40nF, 400nF, 4 $\mu$ F, 40 $\mu$ F, 100 $\mu$ F(GDM-394/395/396); 20nF, 200nF, 2 $\mu$ F, 100 $\mu$ F(GDM-356)
Best Accuracy	$\pm(3.0\%rdg + 5 \text{ digits})$ for GDM-461/397/396/394; $\pm(3.0\%rdg + 40 \text{ digits})$ for GDM-451 $\pm(5.0\%rdg + 10 \text{ digits})$ for GDM-395; $\pm(4.0\%rdg + 3 \text{ digits})$ for GDM-356
<b>FREQUENCY</b>	
Range	10Hz ~ 220MHz(GDM-461); 1Hz ~ 20kHz(GDM-451/356) 10Hz ~ 10MHz(GDM-394/396/397); 1Hz ~ 99.9kHz(GDM-395)
Best Accuracy	$\pm(0.01\%rdg + 5 \text{ digits})$ for GDM-461; $\pm(1.5\%rdg + 5 \text{ digits})$ for GDM-451/356 $\pm(0.1\%rdg + 3 \text{ digits})$ for GDM-394/396; $\pm(0.1\%rdg + 4 \text{ digits})$ for GDM-397 $\pm(0.7\%rdg + 3 \text{ digits})$ for GDM-395
<b>TEMPERATURE</b>	
Range	-40 $^{\circ}$ C ~ 1000 $^{\circ}$ C
Best Accuracy	$\pm(1.0\%rdg + 30 \text{ digits})$ for GDM-451; $\pm(1.0\%rdg + 7 \text{ digits})$ for GDM-396/356

±(1.2%rdg + 4 digits) for GDM-397; ±(1.0%rdg + 3 digits) for GDM-350B

**SPECIAL FUNCTION**

Auto Ranging(GDM-461/397/396/395/394); True RMS(GDM-461/396); RS-232C(GDM-461/397/396)  
hFE Test(GDM-461/350B); Display Backlight(GDM-451/397/396/394/356); Analogue  
Bar(GDM-461/397)

**LCD DISPLAY**

22000 counts(GDM-461), 4 1/2 digits(GDM-451),  
3 3/4 digits(GDM-397/396/395/394), 3 1/2 digits(GDM-356/350B)

**POWER SOURCE**

Single 9V Battery (6F22), Cell BatteryforGDM-395(CR2032)

**DIMENSIONS & WEIGHT**

87(W) x 180(H) x 47(D) mm, Approx. 370g (GDM-461/397)  
85(W) x 177(H) x 40(D) mm, Approx. 330g (GDM-396/394)  
80(W) x 165(H) x 38.3(D) mm, Approx. 275g (GDM-451/356)  
72(W) x 137(H) x 35(D) mm, Approx. 200g (GDM-350B)  
56(W) x 110(H) x 11.5(D) mm, Approx. 97g (GDM-395)