

DIGITAL MULTIMETERS • GDM

Digital Multimeter & C Meter

SPECIFICATIONS		GDM-8034	GDM-8135
DC VOLTAGE	Range	±199.9mV, ±1.999V, ±19.99V, ±199.9V, ±1200V(±1000V GDM-8034) 5ranges.	
	Accuracy	±(0.1% rdg + 1 digit) GDM-8135, ±(0.5% rdg + 1 digit) GDM-8034.	
	Input Impedance	10MΩ	
AC VOLTAGE	Range	199.9mV, 1.999V, 19.99V, 199.9V, 1000V(750V GDM-8034)5ranges.	
	Accuracy	40Hz ~ 1kHz±(0.5% rdg + 1 digit), 1kHz ~ 10kHz±(1% rdg + 1 digit) 10kHz ~ 20kHz±(2% rdg + 1 digit), 20kHz ~ 40kHz±(5% rdg + 1 digit) 40Hz ~ 500Hz±(1% rdg + 4 digits) on all ranges for GDM-8034	
	Input Impedance	10MΩ < 100PF	
DC CURRENT	Range	±199.9uA, ±1.999mA, 19.99mA, ±199.9mA, ±1.999A, ±19.99A 6 ranges	
	Accuracy	199.9uA ~ 199.9mA±(0.2% rdg + 1 digit) 199.9mA ~ 19.99A±(0.5% rdg + 1 digit) (GDM-8135) 199.9uA ~ 199.9mA±(0.5% rdg + 1 digit) 1.999A ~ 19.99A±(1% rdg + 3 digits)(GDM-8034)	
AC CURRENT	Range	199.9uA, 1.999mA, 19.99mA, 199.9mA, 1.999A, 19.99A 6 ranges	
	Accuracy	199.9uA ~ 19.99mA 4 ranges, 40Hz ~ 1kHz±(0.5% rdg + 1 digit) 1kHz ~ 10kHz±(1% rdg + 1 digit), 10kHz ~ 20kHz±(2% rdg + 1 digit) 1999mA ~ 19.99A ranges, 40Hz ~ 2kHz±(1% rdg + 1 digit) GDM-8135 40Hz ~ 500Hz on all ranges, 199.9uA ~ 199.9mA±(1% rdg + 4 digits) 1.999A ~ 19.99A±(1.5% rdg + 2 digits) GDM-8034	
RESISTANCE	Range	199.9Ω ~ 1.999k, 19.99k, 199.9kΩ, 1.999MΩ, 19.99MΩ 6 ranges.	
	Accuracy	199.9Ω ~ 1.999MΩ 5ranges ±(0.2% rdg + 1 digit) 19.99MΩ±(0.5% rdg + 1 digit) GDM-8135 199.9Ω ~ 1.999MΩ±(0.75% rdg + 1 digit), 19.99MΩ±(1.5% rdg + 5 digits) (GDM-8034)	
CAPACITANCE (GDM-8034 ONLY)	Range	1.99nF, 19.99nF, 199.9nF, 1.999 μF, 19.99 μF, 5 ranges	
	Accuracy	1.999nF, 19.99nF, 199.9nF, 1.999 μF, 19.99 μF ±(2% rdg + 4 digits) 300Hz±5%	
DIODE TEST	Description	Display reads forward voltage of diode approx	
	Test Current	Max. 1 mA (2.5mA GDM-8034)	
	Open Voltage	Max. 13V (3.2V GDM-8034)	
AUDIBLE CONTINUITY CHECK	Description	Built-in buzzer sounds if conductance less than 10 Ω(30 ΩGDM-8034)	
	Test Current	Max. 1 mA (2.5mA GDM-8034)	
	Open Voltage	Max. 13V (3.2V GDM-8034)	
DISPLAY		0.5" LED Display (0.5" LCD display GDM-8034)	
POWER SOURCE		AC 100V, 120V, 220V, 230V±10% 50/60Hz (AC 110V, 220V±15% 50/60Hz GDM-8034)	
ACCESSORIES		GTL-107 x 1 , Instruction Manual x 1	
DIMENSIONS		230(W) x 95(H) x 280(D) mm	
WEIGHT		Approx. 2kg	



GDM-8034

- 8 Functions AC/DC Voltage, AC/DC Current, Resistance, Built-in C Meter, Diode Test and Audible continuity check
- High Voltage 1000V and 20A current Range
- 0.5% Basic DCV accuracy
- Capacitance Measurement



GDM-8135

- 7 Functions AC/DC Voltage, AC/DC Current, Resistance, Diode Test and Audible continuity check
- High Voltage 1200V and 20A current Range
- 0.1% Basic DCV accuracy
- Large 0.5" red LED display
- All range with Protection Circuit
- Auto Zero Circuit

Autoranging Digital Multimeter



GDM-8040
AC True RMS
(3 3/4 Digits)

- 0.5" LCD display with 42 segment Bar graph and back lighting
- Auto and Manual range operation
- 500V fuse ratings on current ranges (20A range options)
- Relative, Max/Min, Memory Read, Data Hold
- Multi-function Volts, Ampere, Ohm, Hz, farad, Audible continuity check with Diode test
- Auto power off function at battery mode
- Built-in charger with NI-CAD batteries (option BP-01)
- AC True RMS

SPECIFICATIONS		GDM-8040
DC VOLTAGE	Range	±400mV, 4V, 40V, 400V, 1000V 5 ranges
	Accuracy	4V, 40V, 400V±(0.1% rdg + 1 digit) 400mV, 1000V±(0.1% rdg + 2 digits)
	Input Impedance	10MΩ in parallel with < 100PF
AC VOLTAGE	Range	400mV, 4V, 40V, 400V, 750V 5ranges.
	Accuracy	400mV 40Hz ~ 70Hz±(1% of rdg + 5 digits) 4V, 40V, 50Hz ~ 5kHz±(0.5% of rdg + 3 digits) 5kHz ~ 20kHz±(2% of rdg + 10 digits) 20kHz ~ 50kHz±(5% of rdg + 20 digits) 400V 50Hz ~ 5kHz±(0.5% of rdg + 3 digits), 5kHz ~ 10kHz±(2% of rdg+10 digits) 750V 50Hz ~ 500Hz±(0.5% of rdg + 3 digits)
	Input Impedance	10MΩ in parallel with < 100PF
DC CURRENT	Range	4mA, 40mA, 400mA, 2A, 20A 5 ranges
	Accuracy	4mA, 40mA, 400mA±(0.2% rdg + 2 digits) 2A, 20A±(0.7% rdg + 3 digits)
AC CURRENT	Range	4mA, 40mA, 400mA, 2A, 20A 5 ranges
	Accuracy	4mA, 40mA, 400mA 40Hz ~ 1kHz±(0.7% of rdg + 3 digits) 1kHz ~ 5kHz±(2% of rdg + 5 digits) 2A, 20A 40Hz ~ 1kHz±(1% of rdg + 5 digits)
RESISTANCE	Range	400 Ω, 4k, 40k 400k, 4M, 40MΩ 6 ranges
	Accuracy	400Ω±(0.5% of rdg + 3 digits) 4KΩ, 40kΩ, 400kΩ±(0.5% of rdg + 2 digits) 4MΩ±(1% of rdg + 2 digits), 40MΩ±(2% of rdg + 3 digits)
CAPACITANCE	Range	4nF, 40nF, 400nF, 4uF, 40uF 5 ranges
	Accuracy	4nF±(5% of rdg + 5 digits) 40nF, 40nF, 4uF, 40uF ±(2% rdg + 2 digits)
FREQUENCY	Range	100Hz, 1k, 10k, 100k, 500kHz 5 ranges
	Accuracy	±(0.1% rdg + 2 digits)
	Sensitivity	100mVrms (100kHz range 200mVrms, 500kHz range 500mVrms)
DIODE TEST	Display Indicates	Approximate diode forward voltage
	Test Current	0.7mA maximum
	Open Voltage	2.8 volts maximum
AUDIBLE CONTINUITY CHECK	Threshold	<40Ω
	Test Current	0.1mA maximum
	Open Voltage	0.4 volts maximum
DISPLAY		0.5" LCD Display with 42 segment bar and back Lighting
POWER SOURCE		AC 100V, 120V, 220V, 230V±10% 50/60Hz Or DC rechargeable battery set (OPTION)
ACCESSORIES		Test lead GTL-107 x 1 , Operation Manual x 1
DIMENSIONS		230(W) x 95(H) x 280(D) mm
WEIGHT		Approx. 1.8kg