

# Instek 3-1/2 Digit Lab Digital Multimeter

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Part No. 01GDM8135

## GDM-8135 (3 1/2 Digits)

### FEATURES

- \* 7 Functions AC/ DC Voltage, AC/DC Current, Resistance, Diode Test and Continuity Beeper
- \* Large 0.5" Red LED Display
- \* High Voltage 1200V and 20A Current Range
- \* All Range with Protection Circuit
- \* 0.1% DCV Accuracy
- \* Auto Zero Circuit

SPECIFICATIONS	
<b>DC VOLTAGE</b>	
Range	200mV, 2V, 20V, 200V, 1200V 5 ranges
Accuracy	$\pm(0.1\% \text{ rdg} + 1 \text{ digit})$
Input Impedance	10M $\Omega$
<b>AC VOLTAGE</b>	
Range	200mV, 2V, 20V, 200V, 1000V 5 ranges
Accuracy	200mV ~ 20V 3 ranges : 40Hz ~ 1kHz $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$ 1kHz ~ 10kHz $\pm(1\% \text{ rdg} + 1 \text{ digit})$ 10kHz ~ 20kHz $\pm(2\% \text{ rdg} + 1 \text{ digit})$ 20kHz ~ 40kHz $\pm(5\% \text{ rdg} + 1 \text{ digit})$ 200V range : 40Hz ~ 1kHz $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$ 1kHz ~ 10kHz $\pm(1\% \text{ rdg} + 1 \text{ digit})$ 1000V range : 40Hz ~ 1kHz $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$
Input Impedance	10M $\Omega$
<b>DC CURRENT</b>	
Range	200 $\mu$ A, 2mA, 20mA, 200mA, 2A, 20A 6 ranges
Accuracy	200 $\mu$ A ~ 200mA 4 ranges : $\pm(0.2\% \text{ rdg} + 1 \text{ digit})$ 2A ~ 20A 2 ranges : $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$
<b>AC CURRENT</b>	
Range	200 $\mu$ A, 2mA, 20mA, 200mA, 2A, 20A 6 ranges
Accuracy	200 $\mu$ A ~ 200mA 4 ranges 40Hz ~ 1kHz $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$ 1kHz ~ 10kHz $\pm(1\% \text{ rdg} + 1 \text{ digit})$ 10kHz ~ 20kHz $\pm(2\% \text{ rdg} + 1 \text{ digit})$ 2A ~ 20A 2 ranges, 40Hz ~ 2kHz $\pm(1\% \text{ rdg} + 2 \text{ digits})$
<b>RESISTANCE</b>	
Range	200 $\Omega$ , 2k, 20k, 200k $\Omega$ , 2M $\Omega$ , 20M $\Omega$ 6 ranges.
Accuracy	200 $\Omega$ ~ 2M $\Omega$ 5ranges : $\pm(0.2\% \text{ rdg} + 1 \text{ digit})$ 20M $\Omega$ range : $\pm(0.5\% \text{ rdg} + 1 \text{ digit})$
<b>DIODE TEST</b>	
Test Current	Max. 1 mA
Open Voltage	Max. 13V
<b>CONTINUITY BEEPER</b>	
Description	Buzzer sounds if conductance less than 10 $\Omega$
Test Current	Max. 1 mA
Open Voltage	Max. 13V
<b>DISPLAY</b>	
	0.5" LED display
<b>POWER SOURCE</b>	
	AC 100V/120V/220V/230V $\pm 10\%$ , 50/60Hz

### ACCESSORIES

Instruction manual x 1, Power cord x 1, Test lead GTL-107A x 1

### DIMENSIONS & WEIGHT

245(W) x 95(H) x 280(D) mm, Approx. 2kg

### ORDERING INFORMATION

**GDM-8135** 3 1/2 Digits Digital Multimeter