

**7 Function, Auto Ranging Digital Multi-Meter
GDT-3200**

Read this owners manual thoroughly before use and test.

1.0 METER FUNCTIONS



1.1 FUNCTIONS (Figure 1)

1. 2000 count digital display
2. 7 Position Function Dial
3. AC Volts
4. DC Volts
5. Resistance
6. Continuity/Diode Test
7. Temperature (32°F - 482°F, 0°C - 250°C)
8. Battery Test
9. Backlight Button
10. Low Battery Indicator
11. Common Input Jack
12. Positive Input Jack
13. Protective Rubber Foot and TR-out Stand
14. Mode Select Button
15. Off Dial Selection

1.1 METER FUNCTIONS

Meter type:	Auto Ranging
Functions:	7
Ranges:	6
Display Count:	2000
Input Impedance:	10 Meg Ohm
AC Volt ranges:	500 (0.5% + 5 digits)
DC Volt Ranges:	600 (0.5% + 5 digits)
Resistance Ranges:	20MΩ - <1MΩ (0.5% + 5 digits) + 1MΩ (2% + 5 digits)
Continuity/Diode Function:	Selectable
Temperature Range:	32°F - 482°F
Battery Test Ranges:	1.5V
Auto Off:	15 Minutes
Operating Environment Indoor Use:	0°C - 40°C
Operating Temperature:	-10°C - 50°C
Storage Temperature:	0% - 75%RH (0°C - 31°C)
Relative Humidity:	0% - 80%RH (0°C - 40°C)
Battery Type:	3-AAA
Battery Life:	100 hours with carbon-zinc cells, 200 hours with alkaline cells under normal conditions.
Over Range Indication:	"OL" is displayed at the left when the range capacity is exceeded by the input. Negative displayed, positive implied.
Polarity Indication:	
Size (LxHxW):	5.51" x 2.53" x 1.26"
Agency Approvals:	ETL, CE, CAT III 600V
Meter Accuracy is given for one year at 23°C ± 2°C RH<75%	

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2.0 READ FIRST: IMPORTANT SAFETY INFORMATION



Read this operators manual thoroughly before using this multimeter. This manual is intended to provide basic information regarding this meter, and to describe common test procedures which can be made with this unit. Many types of appliances, machinery, and other electrical circuit measurements are not addressed in this manual and should be handled by experienced service technicians.

The marking "⚠" on the equipment represents Caution, risk of electric shock.

The marking "⚡" on the equipment represents Caution, risk of danger.

The marking "⏏" on the equipment represents Functional earth terminal.

The marking "□" on the equipment represents Equipment protected by DOUBLE INSULATION or REINFORCED INSULATION.

Gb Multimeter Manual Gdt 3200

Richard Bailey

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the author's name.

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measuring cables into the correct sockets selecting the measuring range switching the measuring device on and off and leading the measuring tips to the components to be examined In addition you will to measure current and voltage correctly Although the DMM differ in detail the basic operating elements are found on all digital multimeters so that a general operating manual for multimeters is helpful This guide teaches how to test and measure electrical and electronic components correctly even if you have no prior experience You will learn how easy it is to discover faults in home appliances through the use of the multimeter as a measuring device In this book you will learn about How to measure voltage with the multimeter How to measure current with the multimeter How to test battery with the multimeter How to check the mains voltage with the multimeter How to check lambda probe witht the multimeter How to check solar module with multimeter How to measure temperature witht the multimeter How to measure resistance with the multimeter How to use a digital multimeter to check continuity How to measure insulation resistance with the multimeter How to test capacitor with the multimeter And much more Measuring and testing electrical components is fun as it helps you troubleshoot and discover faults easily in your electronic home appliances Take the first step and learn how to use the digital multimeter correctly today Scroll up and click the Buy Now button to get started **37 multimeter** ,1986

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