Handheld Digital Multimeter

GDM-350B

USER MANUAL

ISO-9001 CERTIFIED MANUFACTURER

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OVERVIEW

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To avoid electric shock or personal injury, read the “Safety Information”

Unpacking & Inspection

Item	Description	Qty
1	Operating Manual	1 piece
2	Test Leads	1 pair
3	K-type Temperature Probe (Nichrome-Nickel Aluminum Thermocouple)	1 piece
4	Multi-Purpose Socket	1 piece

Safety Information

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International Electrical Symbols

Overall Specification

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The Meter Structure

1. LCD Display
2. Power Button
3. Rotary Switch
4. Input Terminals
5. HOLD Button

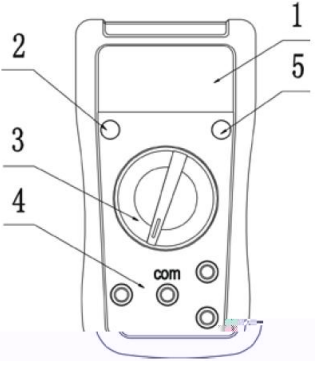

diagram 1

MEASUREMENT OPERATION

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DC or AC Voltage Measurement

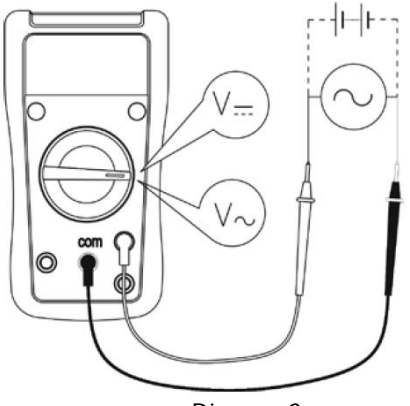

Diagram 2

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Insert the red test lead into the "V" terminal and the black test lead into the "COM" terminal, Connect the test leads B

each range, the meter has an input impedance of 10MΩ.
~ is about 4.5MΩ

. If the circuit impedance is less than or equal to 10kΩ,

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DC Current Measurement

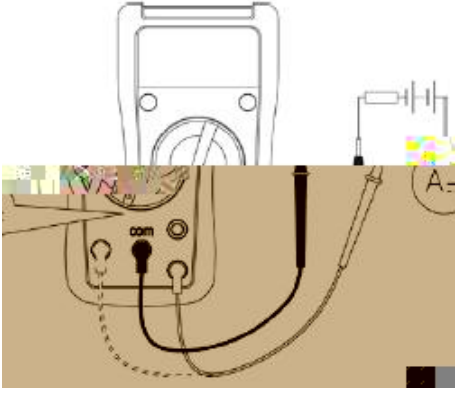

Diagram 3

"A ⎓"

Insert the red test lead into the "mA" or "10A" terminal, and the black test lead

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Resistance Measurement

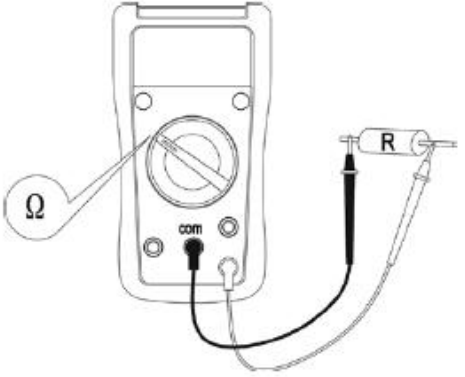

Diagram 4

"Ω"

Insert the red test lead into the "Ω" terminal and the black test lead into the "COM" terminal. Connec B

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Diode Measurement

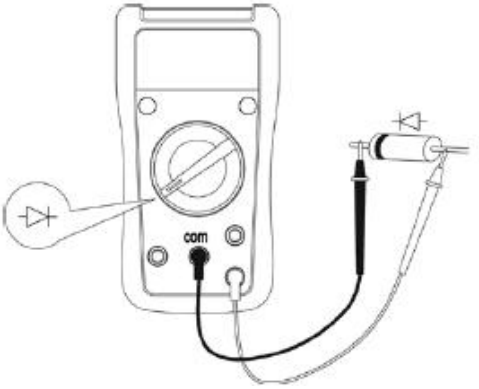

Diagram 5

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"■" terminal and the black test lead into the "COM" terminal. ed test lead is "+" lack test lead is " "

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Continuity Measurement

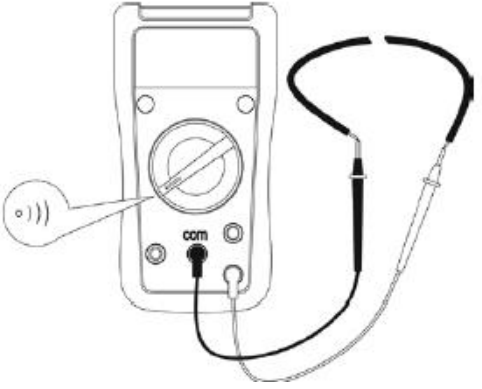

Diagram 6

"■ •)) "

"ΩmA"

"COM" term Ω

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Transistor hFE measurement

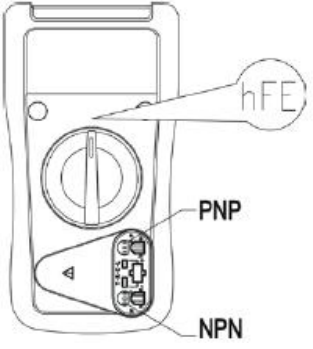

Diagram 7

“hFE”

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Temperature Measurement

Diagram 8

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ACCURACY SPECIFICATIONS

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DC Voltage

Range	Resolution	Accuracy
200mV	0.1mV	±(0.5% Reading + 2 Digits)
2000mV	1mV	
20V	0.01V	
200V	0.1V	
250V	1V	±(0.8% Reading + 2 Digits)

Input impedance: all range 10MΩ

AC Voltage

Range	Resolution	Accuracy
200V	0.1V	±(1.2 Reading% +3 Digits)
250V	1V	

Input impedance: about 4.5MΩ;

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DC Current

Range	Resolution	Accuracy
2000μA	1μA	±(1% Reading +2 Digits)
20mA	0.01mA	±(1% Reading + 2 Digits)
200mA	0.1mA	±(1.2% Reading +2 Digits)
10A	0.01A	±(2% Reading +5 Digits)

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Resistance

Range	Resolution	Accuracy
200Ω	0.1Ω	±(0.8% Reading + 5 Digits)
2000Ω	1Ω	
20kΩ	0.01kΩ	
200kΩ	0.1kΩ	
2000kΩ	1kΩ	
20MΩ	0.01MΩ	±(1% Reading + 5 Digits)

Temperature Measurement

Range	Resolution	Accuracy
-40˚C~ -20˚C	1˚C	-(8% Reading + 5 digits)
-20˚C~0˚C		± 4 digits
> 0˚C~100˚C		±(1.0% Reading + 3 digits)
>100˚C~1000˚C		±(2.5% Reading + 2 digits)

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Diode, Transistor

Function	Range	Resolution	Remark
Diode		1mV	Display positive voltage decline
Transistor	hFE	1β	

Continuity Test

Function	Range	Resolution	Remark
Continuity Test		1Ω	<10Ω Buzzer beeps continuously

MAINTENANCE

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General Service and Maintenance

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Replacing the Battery and Fuse

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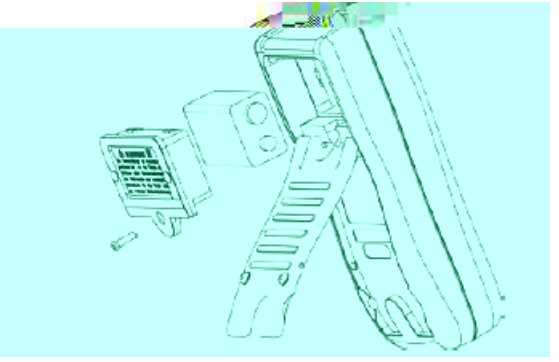

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