



MASTECH MS5308 Digital LCR Meter with USB interface User Guide

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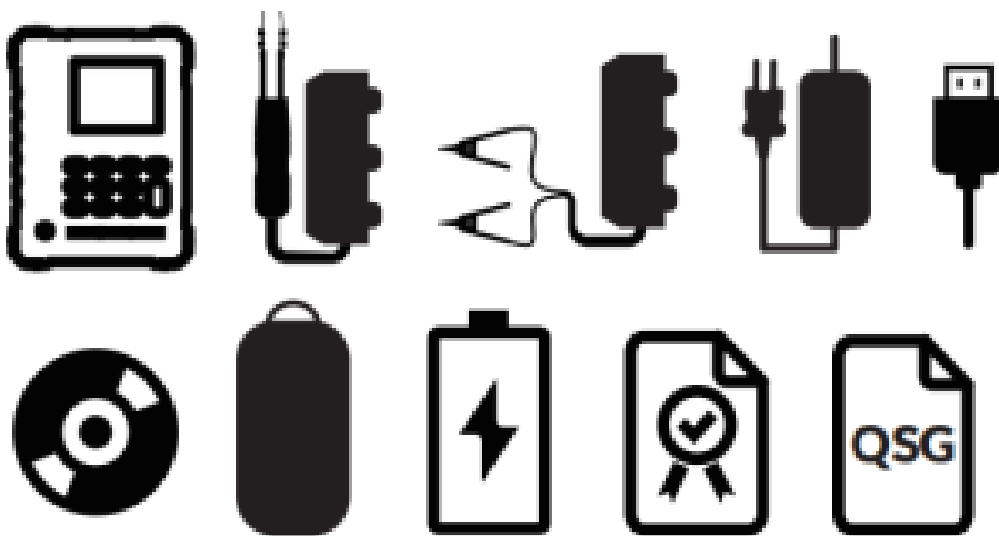
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Warnings

The special attention should be paid when using the test and measurement instrument because the improper usage may cause electric shock and damage the equipment.

- Use proper measurement category (CAT), voltage, and amperage rated probes, test leads, and adapters for the measurement.
- Do not use or store the device around explosive gas, vapor, or under high temperature and humidity.
- When handling the test probes and crocodile clips, keep your fingers behind the physical guard.
- Examine the measuring test leads (if present) before use. Any element of which the insulation is deteriorated (even partially), replace them with proper functional test leads.
- Connect the common test lead before the live test lead and remove the live test lead before the common test lead.
- Before measuring current, make sure the instrument fuses available and disconnect the power supply to the circuit test
- Remove the batteries if the device is not used for an extended period of time, or if stored in temperatures above 45 °C. If the batteries are not removed, battery leakage can damage the device.

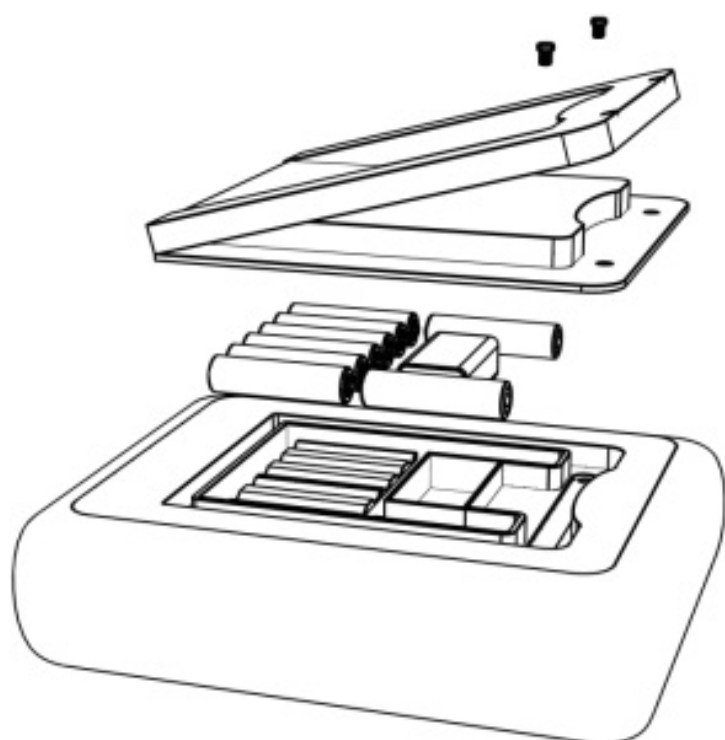
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Specifications

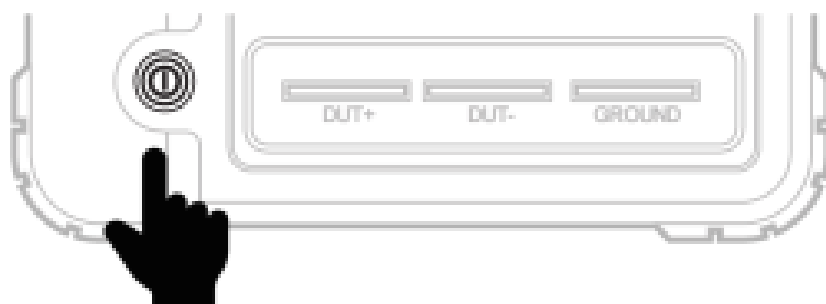
Hz		Range	Resolution	Accuracy
R	1kH	2Ω 20Ω 200Ω	0.1Ω 0.1kΩ 0.001Ω 1Ω 1kΩ 0.01Ω 0.01kΩ	±(0.3%+5d) ±(1.0%+5d) ±(1.0%+5d) ±(0.3%+5d) ±(2.0%+5d) ±(0.3%+5d) ±(0.5%+5d)
C	1kHz	2000pF 20nF 200nF 2000nF 20μF 200μF 2000μF	0.1pF 1pF 0.01nF 0.1nF 1nF 0.01μF 0.1μF	±(1.0%+5d) ±(1.0%+5d) ±(0.5%+5d) ±(0.5%+5d) ±(0.5%+5d) ±(1.0%+5d) ±(1.0%+5d)
L	1kHz	2000μH 20mH 200mH 2000mH 20H 200H 2000H	0.1μH 1μH 0.01mH 0.1mH 1mH 0.01H 0.1H	±(1.0%+5d) ±(0.5%+5d) ±(0.5%+5d) ±(1.0%+5d) ±(1.0%+5d) ±(2.0%+5d) ±(5.0%+5d)

Charging Instructions

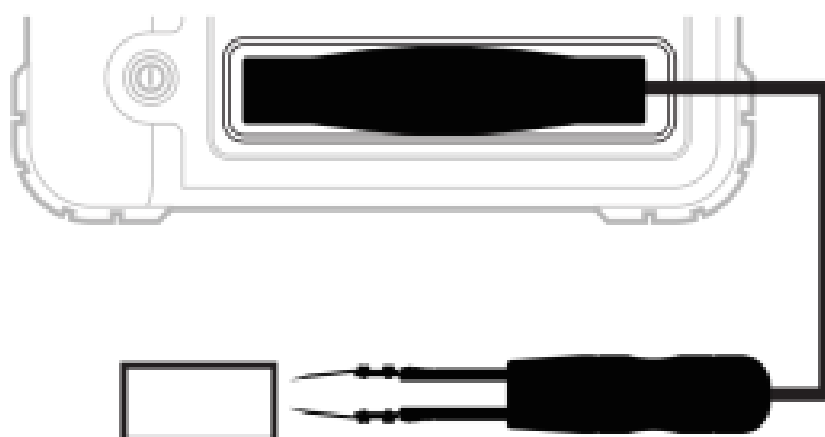


Auto Instructions

1



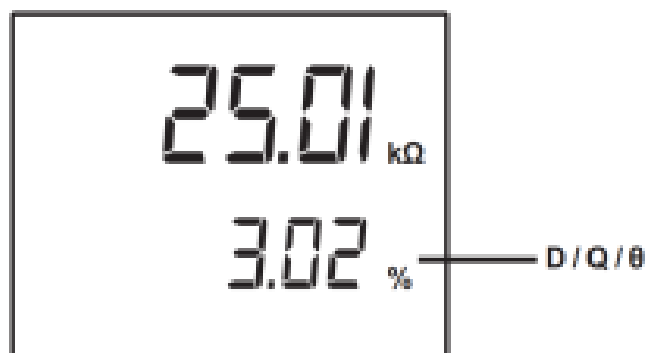
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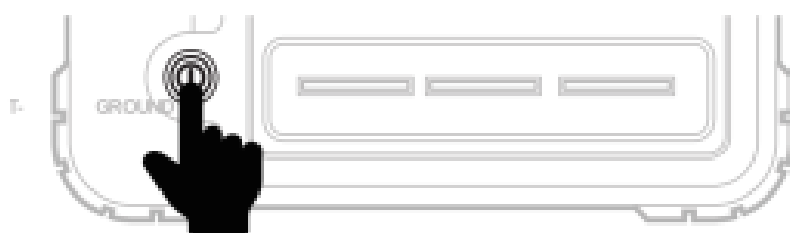


3



Single Instructions

1

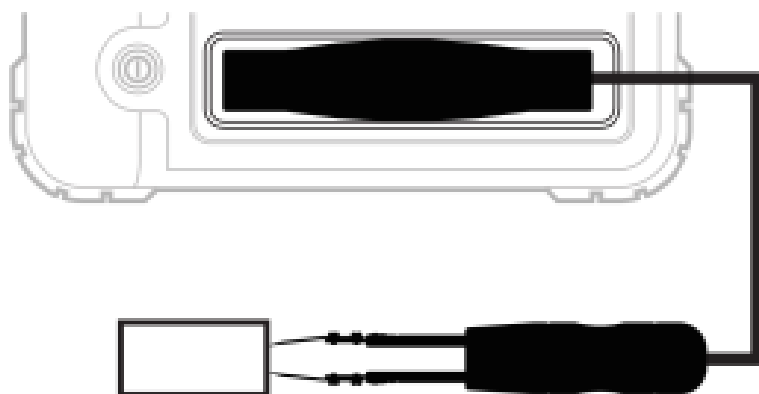


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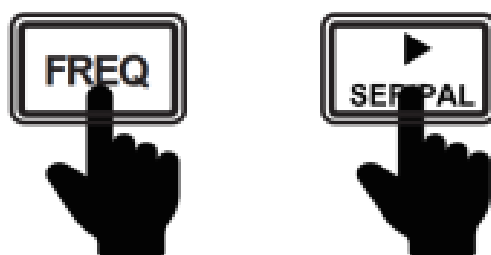
L / C / R / DCR



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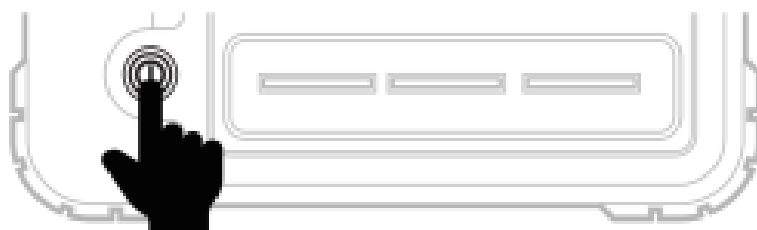


4



Deviation Proportion

1

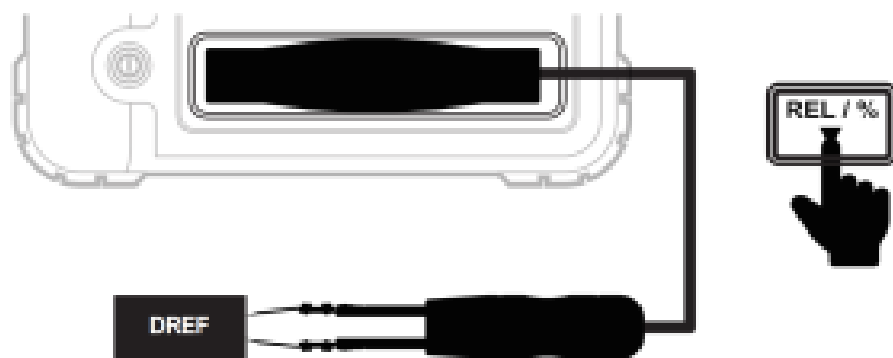


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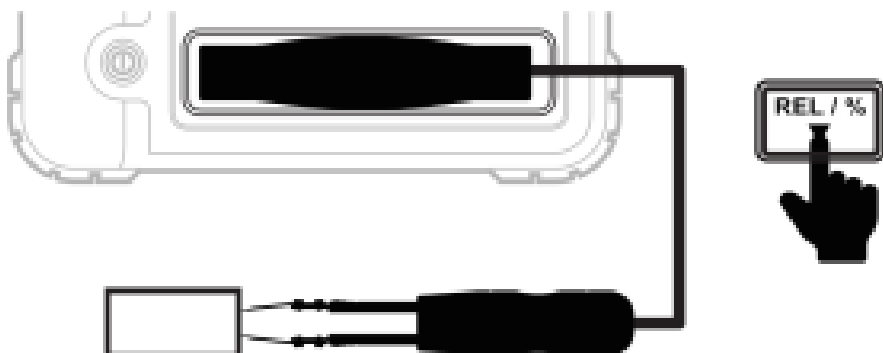
L / C / R / DCR



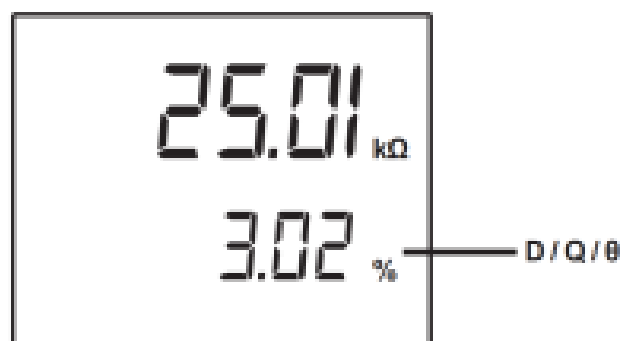
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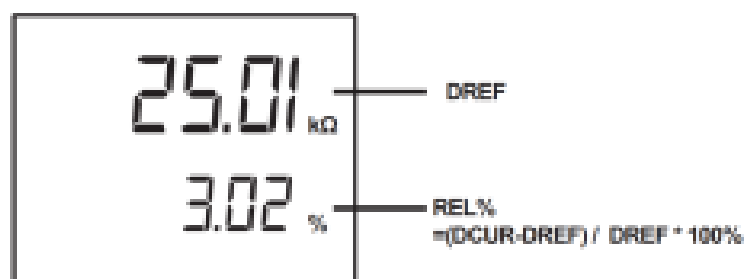
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5



5



Warranty

1 YEAR
LIMITED WARRANTY

Customer Support

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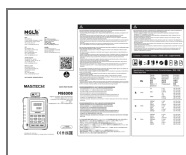
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Scan Qr Code





Documents / Resources



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[Manuals+](#)