



# MASTECH MS2001C Digital Clamp Meter User Guide

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## MASTECH MS2001C Digital Clamp Meter User Guide



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## Safety Instruction

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.

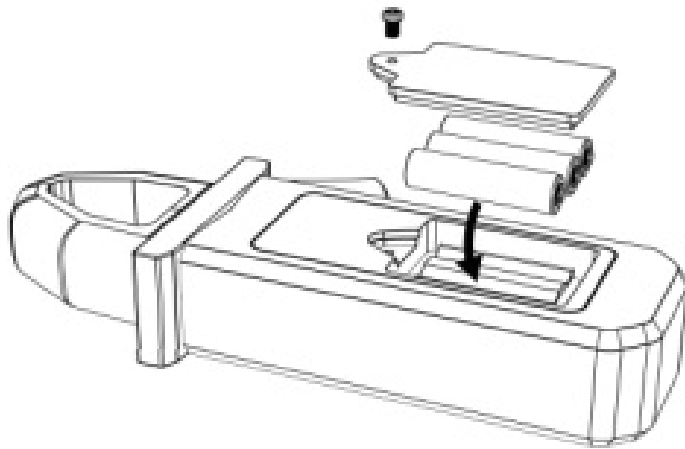
## Contents



## Specifications

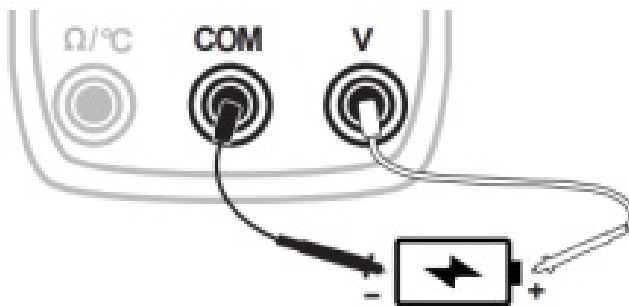
Range	Resolution	Accuracy
<b>V~</b> 750V	1V	$\pm(1.0\%+5)$
<b>V=</b> 1000V	1V	$\pm(1.0\%+2)$
<b>A~</b> 20A/200A 1000A	0.01A/0.1A 1A	$\pm(2.0\%+5)$ $\pm(2.0\%+7)$
<b>R</b> 200 $\Omega$ /2000 $\Omega$	0.1 $\Omega$ /1 $\Omega$	$\pm(1.0\%+3)$
<b>°C</b> -40°C~0°C 1°C~400°C 401°C~750°C	1°C 1°C 1°C	$\pm(1.0\%+6)$ $\pm(1.0\%+3)$ $\pm(1.0\%+5)$

## Assembly Instruction

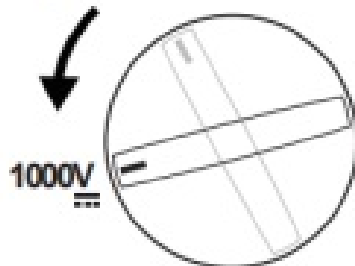


V

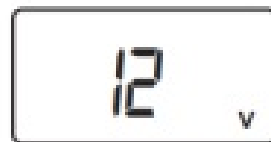
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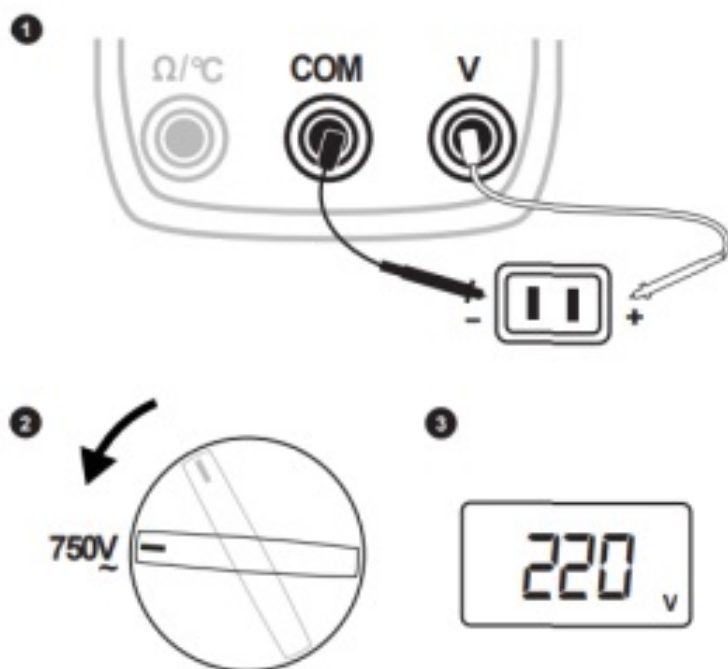
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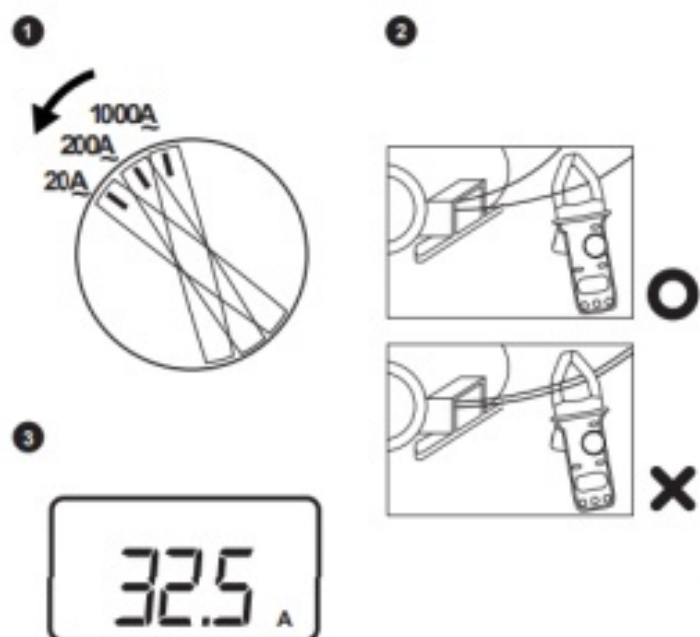
3



V~

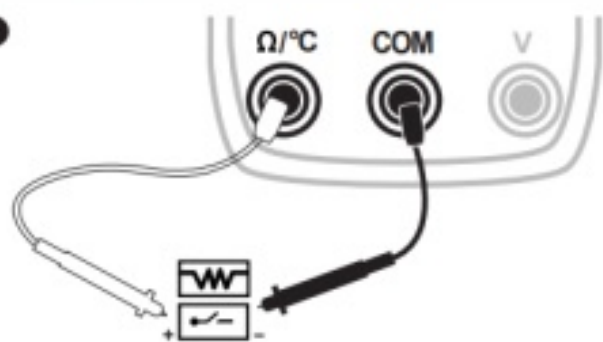


A~

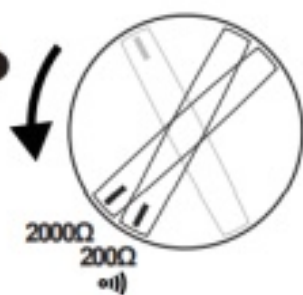




1



2



3

150.7  $\Omega$

23  $\Omega$

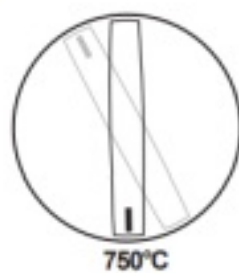
<50 $\pm$ 20 $\Omega$  Beep

°C

1



2



3

32  $^{\circ}\text{C}$



## 1 Year Limited Warranty

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## Documents / Resources



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MS2001C, Digital Clamp Meter, MS2001C Digital Clamp Meter