

FLUKE®

302+/303/305

Clamp Meters

Safety Information



2-Year Limited Warranty.
See the Users Manual for the full warranty.

To register your product, or to view, print, or download the latest manual or manual supplement, go to:
www.fluke.com/productinfo.

Safety Information

A **Warning** identifies hazardous conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

⚠ ⚠ Warning

To prevent possible electrical shock, fire, or personal injury:

- **Carefully read all instructions.**
- **Use the Product only as specified, or the protection supplied by the Product can be compromised.**
- **Use only correct measurement category (CAT), voltage, and amperage rated probes, test leads, and adapters for the measurement.**

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- Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.
- Hold the Product behind the tactile barrier.
- Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.
- Do not measure current while the test leads are in the input jacks.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Do not work alone.
- Do not apply more than the rated voltage, between the terminals or between each terminal and earth ground.
- Comply with local and national safety codes. Use personal protective equipment (approved rubber gloves, face protection, and flame-resistant clothes) to prevent shock and arc blast injury where hazardous live conductors are exposed.
- Replace the batteries when the low battery indicator shows to prevent incorrect measurements.
- The battery door must be closed and locked before you operate the Product.
- Measure a known voltage first to make sure that the Product operates correctly.
- Remove all probes, test leads, and accessories that are not necessary for the measurement.
- Only use probes, test leads, and accessories that have the same measurement category and voltage rating as the Product.
- Keep fingers behind the finger guards on the probes.
- Connect the common test lead before the live test lead and remove the live test lead before the common test lead.
- Remove all probes, test leads, and accessories before the battery door is opened.
- Do not use the Product if it is damaged.

- **Disable the Product if it is damaged**
- **Do not use the Product if it operates incorrectly.**
- **Do not use test leads if they are damaged.**
Examine the test leads for damaged insulation and exposed metal. Check test lead continuity.
- **Before each use, examine the Product. Look for cracks or missing pieces of the clamp housing. Also look for loose or weakened components. Carefully examine the insulation around the jaws.**
- **Examine the case before you use the Product. Look for cracks or missing plastic. Carefully look at the insulation around the terminals.**
- **Read all safety information before you use the Product.**
- **Remove batteries to prevent battery leakage and damage to the Product if it is not used for an extended period.**
- **Remove batteries to prevent battery leakage and damage to the Product if it is to be stored above its operating temperature.**
- **Do not use a current measurement as an indication that a circuit is safe to touch. A voltage measurement is necessary to know if a circuit is hazardous.**

Symbols

The table below lists the symbols that can be used on the Product or in this document.

Symbol	Description
	Consult user documentation.
	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Application around and removal from uninsulated hazardous live conductors is permitted.
	Double insulated
CE	Conforms to European Union directives.
CAT II	Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments, due to conducted and radiated disturbances.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Korea (KCC).....Class A Equipment (Industrial Broadcasting & Communication Equipment)

Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

USA (FCC).....47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

