

787

ProcessMeter

Safety Information

Go to www.fluke.com to register your product and find more information.

A **Warning** identifies conditions and procedures that are dangerous to the user.

Warning

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

- Read “Safety Information” before you use the meter.
- Do not use the meter if it is damaged. Before you use the meter, inspect the case. Look for cracks or missing plastic. Pay particular attention to the insulation surrounding the connectors.
- Make sure the battery door is closed and latched before you operate the meter.
- Remove test leads from the meter before you open the battery door.
- Inspect the test leads for damaged insulation or exposed metal. Check test leads continuity. Replace damaged test leads before you use the meter.
- Measure a known voltage first to make sure that the meter operates correctly. If you are unsure, have the meter examined.
- Do not operate the meter around explosive gas, vapor, or dust. Do not use in wet or damp environments.
- Use only a single 9 V battery, properly installed in the meter case, to power the meter.
- When servicing the meter, use only specified replacement parts.
- Before a current measurement, do the fuse test.
- Use the correct terminals, function, and range for measurements.
- Do not work alone.
- For current measurements, connect the meter to the circuit after you remove circuit power. Always put the meter in series with the circuit.

- **Comply with local and national safety requirements when in hazardous locations.**
- **Only use test leads that have the same voltage, category, and amperage ratings as the meter and that are approved by a safety agency. When used with optional accessories, the lowest category rating applies.**
- **To avoid possible electric shock, do not use TouchHold to determine if dangerous voltage is present. TouchHold will not capture unstable or noisy readings.**
- **To avoid false readings, which could lead to possible electric shock or personal injury, replace the battery as soon as the battery indicator (+) appears.**
- **To avoid electrical shock, remove test leads from the meter before you open the battery door.**
- **Close and latch the battery door before you use the meter.**
- **To avoid personal injury or damage to the meter, use only the specified replacement fuse, 440 mA 1000 V fast-blow, Fluke PN 943121.**
- **Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.**
- **Do not use the TL175 or TP175 test probes in CAT III or CAT IV environments without the probe tip fully extended and correct category rating visible in the window.**
- **When the TL175 is used with instruments or other accessories, the lowest category rating of the combination applies. One exception is when the probe is used with the AC172 or AC175.**

Safety Specifications

Battery Type: 9 V battery, IEC 6LR61

Temperature:

Operating: -20 °C to +55 °C

Storage: -40 °C to +60 °C

Altitude: Operating: 2000 m

Symbols

Symbol	Description
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	WARNING. RISK OF DANGER.
	Consult user documentation
	AC (Alternating Current)
	DC (Direct Current)
	Alternating or direct current
	Earth
	Battery
	Fuse
	Double Insulated
	Conforms to relevant North American Safety Standards.
	Conforms to relevant Australian EMC standards.
	Conforms to relevant South Korean EMC Standards.
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.
CAT III	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste.

LIMITED WARRANTY & LIMITATION OF LIABILITY

This Fluke product will be free from defects in material and workmanship for three years from the date of purchase. This warranty does not cover disposable batteries or damage from accident, neglect, misuse or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke's behalf. To obtain service during the warranty period, send your defective meter to the nearest Fluke Authorized Service Center with a description of the problem.

THIS WARRANTY IS YOUR ONLY REMEDY. NO OTHER WARRANTIES, SUCH AS FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSED OR IMPLIED. FLUKE IS NOT LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY.

Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

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