

# T5-600/T5-1000

## Electrical Tester

### *Safety Information*

Go to [www.fluke.com](http://www.fluke.com) to register your Product and find more information.

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

#### Warnings

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

- **Read all safety Information before you use the Product.**
- **Use the Product only as specified, or the protection supplied by the Product can be compromised.**
- **Carefully read all instructions.**
- **Do not use and disable the Product if it is damaged. Protection may be impaired.**
- **The battery door must be closed and locked before you operate the Product.**
- **Examine the case before you use the Product. Look for cracks or missing plastic. Carefully look at the insulation around the terminals.**
- **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.**
- **Measure a known voltage first to make sure that the Product operates correctly.**
- **Replace the batteries when the low battery indicator shows to prevent incorrect measurements.**

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Specifications are subject to change without notification.

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- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Do not apply more than the rated voltage, as marked on the Product, between terminals or between any terminal and earth ground.
- Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.
- Keep fingers behind the finger guards on the probes.
- Clean the case with a damp cloth and detergent. Do not use abrasives or solvents.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Use the correct terminals, function, and range for measurements.
- Hold the Product behind the tactile barrier.
- Do not use test leads if they are damaged. Examine the test leads for damaged insulation.
- Measure a known voltage first to make sure that the Product operates correctly.
- Use only current probes, test leads, and adapters supplied with the Product.
- Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.
- Repair the Product before use if the battery leaks.
- Be sure that the battery polarity is correct to prevent battery leakage.
- Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.
- Use only specified replacement parts.
- Have an approved technician repair the Product.
- Disconnect power and discharge all high-voltage capacitors before you measure resistance, continuity, capacitance, or a diode junction.

## Symbols

Symbol	Description
	Consult user documentation.
	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Earth
	AC (Alternating Current)
	DC (Direct Current)
	Double Insulated
	Battery
	Conforms to relevant Australian EMC standards.
	Certified by CSA Group to North American safety standards.
	Conforms to European Union directives.
	Conforms to relevant South Korean EMC Standards.
	Certified by TÜV SÜD Product Service.
<b>CAT II</b>	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.
<b>CAT III</b>	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
<b>CAT IV</b>	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.

## **Safety Specifications**

**Safety**..... IEC 61010-1, IEC 61010-2-032,  
IEC 61010-2-033: Pollution Degree 2

### **Maximum Voltage Between any Terminal and Earth Ground**

T5-600 ..... CAT III 600 V rms

T5-1000 ..... CAT III 1000 V rms  
CAT IV 600 V rms

### **Maximum Voltage Between Current Fork and Earth Ground**

T5-600 and T5-1000..... CAT III 1000 V rms  
CAT IV 600 V rms

**Operating Temperature**..... -10 °C to 50 °C

**Operating Altitude** ..... 2000 m

### **Maximum Relative**

**Humidity** ..... 95 % (<30 °C)  
75 % (30 °C to 40 °C)  
45 % (40 °C to 50 °C)

### **Limited Warranty and Limitation of Liability**

This Fluke product will be free from defects in material and workmanship for 2 years from the date of purchase. This warranty does not cover fuses, disposable batteries, or damage from accident, neglect, misuse, alteration, contamination, 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, contact your nearest Fluke authorized service center to obtain return authorization information, then send the product to that Service Center with a description of the problem.

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