

# TL1000-KIT

Test Leads

# TL1000/30M

30 m Test Lead on Reel

## Safety Information

### Contact Fluke

Fluke Corporation operates worldwide. For local contact information, go to our website: [www.fluke.com](http://www.fluke.com).

To register your product, or to view, print, or download the latest manual or manual supplement, go to our website.

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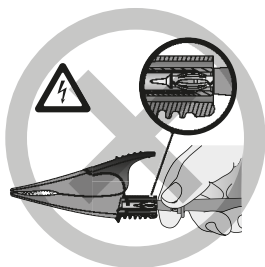
A **Warning** identifies hazardous conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

### **Warning**

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

- **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.**

- **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.**
- **Do not use in CAT III or CAT IV environments without the protective cap (if included with the Product) installed on test probe. The protective cap decreases the exposed probe metal to <4 mm. This decreases the possibility of arc flash from short circuits.**
- **Do not use a shrouded banana jack accessory such as an alligator clip with an unshrouded 4 mm banana probe tip terminal in a hazardous electrical installation. Due to the lack of a shroud, the probe tip connector does not provide suitable insulation to accessible parts with this type of assembly.**



- **Use Product-approved measurement category (CAT), voltage, and amperage rated accessories (probes, test leads, and adapters) for all measurements.**
- **Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.**
- **Do not use the Product around explosive gas, vapor, or in damp or wet environments.**
- **Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.**
- **Do not use test leads if they are damaged. Examine the test leads for damaged insulation, exposed metal, or if the wear indicator (if present) shows. Check test lead continuity.**
- **Keep fingers behind the finger guards on the probes.**

# Symbols

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

| Symbol                                                                              | Description                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | WARNING. RISK OF DANGER.                                                                                                                                                                                                                                                                                                                                               |
|    | WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.                                                                                                                                                                                                                                                                                                                    |
|    | Double insulated                                                                                                                                                                                                                                                                                                                                                       |
|    | Conforms to European Union directives.                                                                                                                                                                                                                                                                                                                                 |
| <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 and its marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Do not dispose of this product as unsorted municipal waste. For information about take-back and recycling programs available in your country, see the Fluke website. |

# Maintenance

Clean with a soft towel moistened with water and mild detergent.  
DO NOT IMMERSE in liquid.

# Specifications

|                             |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Safety .....                | IEC 61010-031, Pollution Degree 2                                              |
| TL1000 Test Leads .....     | CAT III 1000 V, CAT IV 600 V, 10 A                                             |
| TL1000/30M Test Lead .....  | CAT III 1000 V, CAT IV 600 V,<br>5 A (on reel) 10 A (fully extended)           |
| TP74 Test Probes            |                                                                                |
| with cap .....              | CAT III 1000 V, CAT IV 600 V, 10 A                                             |
| without cap .....           | CAT II 1000 V, 10 A                                                            |
| AC285 Alligator Clips ..... | CAT III 1000 V, CAT IV 600 V, 10 A                                             |
| Temperature .....           | -20 °C to 50 °C (-4 °F to 122 °F)                                              |
| Humidity .....              | <95 % RH, up to 35 °C (95 °F)<br><40 % RH, 35 °C to 50 °C (95 °F to<br>122 °F) |
| Altitude .....              | 2000 m                                                                         |

## **LIMITED WARRANTY**

This Fluke product will be free from defects in material and workmanship for 1 year 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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