

3000 FC

Wireless Multimeter

Safety Information



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

Go to www.fluke.com to register your Product, read the Users Manual, 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:

- **Carefully read all instructions.**
- **Read all safety information before you use the Product.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Limit operation to the specified measurement category, voltage, or amperage ratings.**
- **Do not use the Product around explosive gas, vapor, or in damp or wet environments.**
- **Do not touch voltages > 30 V ac rms, 42 V ac peak, or 60 V dc.**
- **Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.**
- **Measure a known voltage first to make sure that the Product operates correctly.**

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Specifications are subject to change without notification.

All product names are trademarks of their respective companies.











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125167, г. Москва,
Ленинградский проспект дом 37,
корпус 9, подъезд 4, 1 этаж

- **Do not use the Product if it is altered or damaged.**
- **Disable the Product if it is damaged.**
- **Do not work alone.**
- **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.**
- **Do not use the Product if it operates incorrectly.**
- **Examine the case before you use the Product. Look for cracks or missing plastic. Carefully look at the insulation around the terminals.**
- **Use only correct measurement category (CAT), voltage, and amperage rated probes, test leads, and adapters for the measurement.**
- **Do not use test leads if they are damaged. Examine the test leads for damaged insulation, exposed metal, or if the wear indicator shows. Check test lead continuity.**
- **Keep fingers behind the finger guards on the probes.**
- **Do not touch the probes to a voltage source when the test leads are connected to the current terminals.**
- **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 that are not necessary for the measurement.**

Symbols

Symbol	Description
	Consult user documentation.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	WARNING. RISK OF DANGER.
	Double Insulated
	Fuse
IR	Minimum fuse interrupt rating.
	Battery
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.
CE	Conforms to European Union directives.
	Certified by CSA Group to North American safety standards.
	Conforms to relevant South Korean EMC standards.
	Conforms to relevant Australian EMC standards.
	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

Maximum Voltage between any Terminal and Earth Ground 1000 V

Frequency Overload

Protection $\leq 10^7$ V-Hz

⚠ Fuse Protection for

mA inputs 0.44 A, 1000 V, IR 10 kA

Temperature

Operating -10 °C to +50 °C

Storage -40 °C to +60 °C

Battery AA Alkaline batteries, NEDA 15A IEC
LR6 (x3)

Relative Humidity 0 % to 90 % (0 °C to 35 °C)
0 % to 75 % (35 °C to 40 °C)
0 % to 45 % (40 °C to 50 °C)

Altitude

Operating ≤2000 m
Storage ≤12 000 m

Safety

General..... IEC 61010-1: Pollution Degree 2
Measurement IEC 61010-2-033: CAT IV 600 V /
CAT III 1000 V

Electromagnetic Compatibility (EMC)

International..... IEC 61326-1: Portable Electromagnetic
Environment
CISPR 11: Group 1, Class A,
IEC 61326-2-2

*Group 1: Equipment has intentionally generated and/or uses
conductively-coupled radio frequency energy that is necessary
for the internal function of the equipment itself.*

*Class A: Equipment is suitable for use in all establishments
other than domestic and those directly connected to a low-
voltage power supply network that 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.*

*Emissions that exceed the levels required by CISPR 11 can
occur when the equipment is connected to a test object.*

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.Detailed Specifications

Wireless Radio

Frequency Range..... 2405 MHz to 2480 MHz
Output Power <10 mW