

FLUKE®

972A/972B/972ES

Temperature Humidity Meter

Safety Information



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

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To register your product, 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.

Warning

To prevent possible electrical shock, fire, or personal injury and for safe operation of the Product:

- Read all safety information before you use the Product.
- Carefully read all instructions.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Replace the batteries when the low battery indicator shows to prevent incorrect measurements.
- 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 may result.

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.
	Battery or battery compartment.
	Conforms to European Union directives.

Symbol	Description
	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.

General Specifications

For complete Specifications see the Users Manual.

	972A	972B	972ES
Temperature			
Operating	-30 °C to 70 °C		-40 °C to 70 °C
Storage	-30 °C to 70 °C <80 % RH (without battery)		-40 °C to 70 °C <80 % RH
Altitude			
Operating	2 000 m		
Storage	12 000m		
Relative Humidity			
Operating	0 % RH to 99 % RH non-condensing		
Storage	<80 % RH		
Power supply			
Battery Type	2 AAA Batteries		--
Battery Life	1000 hours continuous operation (backlight off)		--
Weight (with batteries)	172 g		127 g
Size (H x W x L)	211 mm x 58 mm x 40 mm		264 mm x 33 mm x 28 mm
Ingress Protection (IP) Rating	IEC 60529: IP30, non operating		
Safety	IEC 61010-1: Pollution Degree 2		
Electromagnetic Compatibility (EMC)			
International	IEC 61326-1: Portable Electromagnetic Environment CISPR 11: Group 1, Class A <i>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.</i> <i>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.</i>		
Korea (KCC)	Class A Equipment (Industrial Broadcasting & Communication Equipment) <i>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.</i>		

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