

# 810

## *Vibration Tester*

### *Safety Information*

Go to [www.fluke.com](http://www.fluke.com) to register your product, download manuals, and find more information. For radio frequency certification, see [www.fluke.com](http://www.fluke.com).

A **Warning** identifies hazardous conditions and actions that could cause bodily harm or death.

#### **Warning**

To prevent personal injury:

- Use only as specified in this manual or the protection provided by the Tester might be impaired.
- Do not use if damaged. Before you use the Tester, inspect the case. Look for cracks or missing plastic.
- Make sure the battery is securely in place before operation.
- Do not operate around explosive gas, vapor, or dust.
- Use proper protective equipment, as required by local or national authorities, when working in hazardous areas.
- Comply with local and national safety requirements when working in hazardous locations.
- To avoid injury when attaching reflective tape to the machine, stop the rotating machine. Attach a piece of reflective tape onto the shaft or other rotating part of the machine. Restart the machine and wait until it reaches its normal operating conditions.
- Do not allow Sensor location and mounting to supersede safety. Always consider the best combination of locations and mounting techniques that personal safety will allow.

## Rotating Equipment

### Warning

To prevent personal injury:

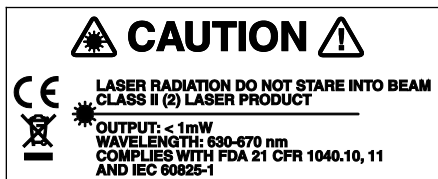
- Use caution around rotating equipment.
- Keep cords and straps contained.

## Tachometer

### Warning

To prevent personal injury or damage to the Product:

- Do not point laser beam directly at eyes.
- Do not operate around explosive gas, vapor or dust.
- Do not open. The Tachometer does not contain any user-serviceable parts.
- When not in use, always place in protective cover.



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## Laser Safety Precautions

### Warning

The Tachometer contains a Class 2 laser pointer. To prevent personal injury:

- To avoid eye damage, do not point laser directly at eye or indirectly off reflective surfaces.
- Use, other than those specified here, may result in hazardous laser radiation exposure.
- Do not use Tachometer in a manner not specified in this document or the protection provided by the equipment may be impaired.
- Do not aim the laser beam at people or animals.

# Symbols

Symbol	Description
	Risk of Danger. Important information. See Manual.
	Battery condition
	This product contains a Lithium-ion battery. Do not mix with the solid waste stream. Spent batteries should be disposed of by a qualified recycler or hazardous materials handler per local regulations. Contact your authorized Fluke Service Center for recycling information.
	Certified by CSA Group to North American safety standards.
	Conforms to relevant Australian EMC standards.
	Conforms to European Union directives.
	Warning. Class 2 Laser Product. Laser radiation. Do not stare into beam.
	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.
	Conforms to relevant South Korean EMC Standards.

# Safety Specifications

- Battery type** ..... Lithium-ion, 14.8 V, 2.55 Ah
- Operating Temperature** ..... 32 °F to 122 °F (0 °C to 50 °C)
- Storage Temperature** ..... -4 °F to +140 °F (-20 °C to +60 °C)
- Altitude** ..... 2000 m

## **LIMITED WARRANTY AND LIMITATION OF LIABILITY**

Your Fluke Vibration Tester is warranted to be free from defects in material and workmanship under normal use and service for three years from the date of shipment to you. The same warranty applies to the Tachometer and the Sensor but for one year from the date of shipment. Parts, product repairs, and services are warranted for 90 days. This warranty extends only to the original buyer or end-user customer of a Fluke authorized reseller, and does not apply to fuses, disposable batteries, or to any product which, in Fluke's opinion, has been misused, altered, neglected, contaminated, or damaged by accident or abnormal conditions of operation or handling. Fluke warrants that software will operate substantially in accordance with its functional specifications for 90 days and that it has been properly recorded on non-defective media. Fluke does not warrant that software will be error free or operate without interruption.

Fluke authorized resellers shall extend this warranty on new and unused products to end-user customers only but have no authority to extend a greater or different warranty on behalf of Fluke. Warranty support is available only if product is purchased through a Fluke authorized sales outlet or Buyer has paid the applicable international price. Fluke reserves the right to invoice Buyer for importation costs of repair/replacement parts when product purchased in one country is submitted for repair in another country.

Fluke's warranty obligation is limited, at Fluke's option, to refund of the purchase price, free of charge repair, or replacement of a defective product which is returned to a Fluke authorized service center within the warranty period.

To obtain warranty service, 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 difficulty, postage and insurance prepaid (FOB Destination). Fluke assumes no risk for damage in transit. Following warranty repair, the product will be returned to Buyer, transportation prepaid (FOB Destination). If Fluke determines that failure was caused by neglect, misuse, contamination, alteration, accident, or abnormal condition of operation or handling, including overvoltage failures caused by use outside the product's specified rating, or normal wear and tear of mechanical components, Fluke will provide an estimate of repair costs and obtain authorization before commencing the work. Following repair, the product will be returned to the Buyer transportation prepaid and the Buyer will be billed for the repair and return transportation charges (FOB Shipping Point).

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Since some countries or states do not allow limitation of the term of an implied warranty, or exclusion or limitation of incidental or consequential damages, the limitations and exclusions of this warranty may not apply to every buyer. If any provision of this Warranty is held invalid or unenforceable by a court or other decision-maker of competent jurisdiction, such holding will not affect the validity or enforceability of any other provision.

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