

## HART Calibration Assistant

*Safety Information*

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

Go to [www.fluke.com](http://www.fluke.com) for more information.

To view, print, or download the latest manual supplement, visit <http://us.fluke.com/usen/support/manuals>.

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

**⚠️⚠️ Warning**

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

- **Read all safety information before you use the Product.**
- **Carefully read all instructions.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **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 use the Product if it operates incorrectly.**



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Specifications are subject to change without notice.

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Fluke Corporation

P.O. Box 9090

Everett, WA 98206-9090

U.S.A.

Fluke Europe B.V.

P.O. Box 1186

5602 BD Eindhoven

The Netherlands

ООО «Флюк СИАЙЭС»

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 apply more than the rated voltage, between the terminals or between each terminal and earth ground.
- Use only Fluke approved power adapters to charge the battery.
- Disconnect the battery charger and move the Product or battery to a cool, non-flammable location if the rechargeable battery becomes hot (>50 °C) during the charge period.
- Do not disassemble or crush battery cells and battery packs.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.
- Have an approved technician repair the Product.

## Symbols

The table below is a list of symbols used on the Product or in this document.

### Symbols

Symbol	Description
	Consult user documentation.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	WARNING. RISK OF DANGER.
	Spent Lithium 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 European Union directives.
	Conforms to relevant Australian EMC standards.
	Conforms to relevant South Korean EMC standards.

Symbol	Description
	Conforms to the Appliance Efficiency Regulation (California Code of Regulations, Title 20, Sections 1601 through 1608), for small battery charging systems.
	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.

## Specifications

### Modem

#### Battery

Type.....	Rechargeable Li-Ion
Life.....	19 hours continuous use
Charging	
Temperature.....	0 °C to 40 °C

**Max Voltage** ..... 30 V

#### Temperature

Operating.....	0 °C to 50 °C (32 °F to 122 °F)
Storage.....	≤1 month: -10 °C to 45 °C (14 °F to 113 °F) >6 months: 20 °C ±5 °C

**Humidity** ..... 0 % to 90 %  
(non-condensing)

**Size** ..... 10.16 cm x 2.54 cm x 6.99 cm  
(4.0 in. x 1.0 in. x 2.75 in.)

**Weight** ..... 170 g (6 oz)

**IP Rating**..... 52

**Safety**..... IEC 61010-1: Pollution Degree 2,  
IEC 62133

#### Wireless Radio

Frequency.....	2412 MHz to 2462 MHz
Output Power.....	<100 mW

#### Software Requirements

FlukeHART.....	Android 5.0
To save files to PC.....	Windows 7 or newer

## **Electromagnetic Compatibility (EMC)**

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

*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.*

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.*

### **Tablet**

See specifications from the manufacturer.