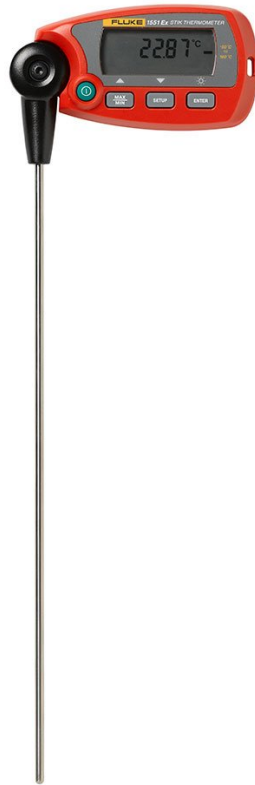


## TECHNICAL DATA

# Fluke 1551A/1552A Intrinsically Safe Thermometers



## Key features

- Intrinsically-safe, battery operated, portable reference thermometer
- Provides accuracy of  $\pm 0.05^{\circ}\text{C}$  ( $\pm 0.09^{\circ}\text{F}$ ) over full range
- Features intrinsically-safe operation (ATEX and IECEx compliant)
- Measures  $-50^{\circ}\text{C}$  to  $160^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  to  $320^{\circ}\text{F}$ )
- Provides user-configurable temperature with Trend/Stability indicator
- Displays temperature in  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$

## Product overview: Fluke 1551A/1552A Intrinsically Safe Thermometers

The Fluke 1551A "Stik" Thermometer provides a temperature range— $50^{\circ}\text{C}$  to  $160^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  to  $320^{\circ}\text{F}$ ). The Fluke 1551A delivers repeatable temperature measurements accurate to  $\pm 0.05^{\circ}\text{C}$  over its full range. It is rated intrinsically safe for working in indoor or outdoor environments where potentially explosive gases may be present. It's a great choice for environments that aren't potential explosive as well such as the floor of a processing plant. The battery operated, portable reference thermometer is a great choice for daily checks of working thermometers, custody transfer temperature determination, PET calibration, LIG calibration, and temperature transmitter calibration and verification.

The stainless steel probe and digital readout are fixed together and calibrated as a system. The large backlit LCD

display rotates 90° degrees making it easy to read from any angle. And a user-configurable stability/trend indicator lets you know when your temperature is stable enough to record an accurate measurement. A user-settable auto-off function extends typical battery life to up to 300 hours. And the low-battery indicator and stop-measure function prevents erroneous measurements from being made due to a low battery. Plus you can easily and accurately calibrate the 1551A with a simple three-point calibration function.

**Other useful features:**

- Delivers 300-hour battery life
- Shows percent battery-life and low-battery indicators
- Includes NVLAP-accreditation and NIST-traceable calibration

## **Specifications: Fluke 1551A/1552A Intrinsically Safe Thermometers**

## Ordering information



### **Fluke 1551A-9**

Fluke Calibration 1551A-9 Stik Thermometer, Fixed RTD, -50°C to 160°C, 4.8 mm x 229 mm (3/16 in x 9 in)

Includes:

- NVLAP-accredited report of calibration
- User's Guide on CD-ROM
- 3 AAA batteries

### **Fluke 1551A-12**

Fluke Calibration 1551A-12 Stik Thermometer, Fixed RTD, -50°C to 160°C, 6.35 mm x 305 mm (1/4 in x 12 in)

Includes:

- NVLAP-accredited report of calibration
- User's Guide on CD-ROM
- 3 AAA batteries

### **Fluke 1551A-20**

Fluke Calibration 1551A-20 Stik Thermometer, Fixed RTD, -50°C to 160°C, 6.35 mm x 508 mm (1/4 in x 20 in)

Includes:

- NVLAP-accredited report of calibration
- User's Guide on CD-ROM
- 3 AAA batteries

### **Fluke 1551A-9-DL**

Fluke Calibration 1551A-9-DL Stik Thermometer, Fixed RTD, -50°C to 160°C, 4.8 mm x 229 mm (3/16 in x 9 in) with Datalog

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Includes:

- NVLAP-accredited report of calibration
  - User's Guide on CD-ROM
  - 3 AAA batteries
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### **Fluke 1551A-12-DL**

Fluke Calibration 1551A-12-DL Stik Thermometer, Fixed RTD, -50°C to 160°C, 6.35 mm x 305 mm (1/4 in x 12 in) with Datalog

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Includes:

- NVLAP-accredited report of calibration
  - User's Guide on CD-ROM
  - 3 AAA batteries
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### **Fluke 1551A-20-DL**

Fluke Calibration 1551A-20-DL Stik Thermometer, Fixed RTD, -50°C to 160°C, 6.35 mm x 508 mm (1/4 in x 20 in) with Datalog

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Includes:

- NVLAP-accredited report of calibration
  - User's Guide on CD-ROM
  - 3 AAA batteries
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06/2025

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