# INSP-3
# Wiring Inspector Tester

**Designed for use in residential and light commercial environments**

The INSP-3, wiring inspector is a rugged tester designed to verify building wiring compliance to electrical code, especially voltage drop under load. Identify issues with splices, connections and conductor quality, crucial to safety and performance of the electrical system.

## Features

- **Testing efficiency** - relevant test data (voltage, voltage drop, hot and neutral voltage drop, voltage with load, ground impedance) is presented on a single large display to save operator time
- **Verifies if wiring is tested** for load carrying ability that it meets electrical code recommendations for voltage drop under load
- **Meter detects faulty wiring** in need of repair without removing outlet cover plates or panel covers
  - Faulty splices and connections
  - Incorrect wiring
  - Undersized wiring
  - Faulty GFCIs
  - Faulty or incorrectly wired AFCIs
  - Incorrect line voltage
  - Poor ground quality
  - Fault currents
- **User selectable 0, 10,15 and 20 amps loads** to verify performance of the electrical system
- **Incorrect wiring or voltage drop test failure** is clearly indicated by flashing screen
- **Will not trip circuit breakers or blow fuses during the test**
- **Tests GFCI and AFCI operations**
- **Check ground quality for safety and ability** to support sensitive electronic equipment




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### Safety Certification

**All Amprobe tools, including the Amprobe INSP-3, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab.** In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.



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Detects faulty wiring without removing outlet cover plates.




No scrolling or switching screens is needed with the large LCD display.



Verify in seconds whether a building's wiring (including voltage drop under load) complies with electrical code.

## Specifications

| | INSP-3 |
|---|---|
| **Load** | Constant 0, 10, 15 or 20 AMP simulation regardless of line voltage |
| **Operating Voltage** | 95-120 VAC |
| **Battery** | 9V Alkaline |
| **Fuse** | 1/2 Amp, 125 Volt |
| **GFI Trip** | 6.0 mA nominal to trip GFI, 30 mA to trip RCD |
| **AFCI Trip** | Up to 8, 120 AMP pulses within 1/2 second period |
| **Operating Temperature** | 32 °F to 120 °F (0 °C to 50 °C) |
| **Accuracy** | +/-2%, +/- 2 digits |

**Included:** Power cord, 9V alkaline battery (installed), user manual, carrying case



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