

FLUKE®

Student Essential Kit

Start with tools you can be sure of



The fastest way to check safety on any job

What it does

This kit gives electricians the quickest way to check electrical safety before any work begins. With a non-contact voltage (NCV) tester rated CAT IV 1000 V and a socket tester capable of identifying six wiring conditions plus audible voltage detection, electricians can quickly confirm safe working conditions anywhere.

Real world applications

Use cases based directly on real field workflows for entry level electricians:

Quick voltage verification: the 1AC II detects AC voltage from 90 V to 1000 V with bright red indication and optional beeper, ideal for switches, cords, terminal strips, and receptacles.

Outlet and GFCI validation: the ST120+ identifies open ground, open neutral, reversed hot/neutral, reversed hot/ground, and performs one button GFCI tests.

Breaker tracing with audible alert: the ST120+ beeper speeds panel identification by signaling energized circuits as breakers toggle.

Pre-task jobsite checks: confirm safe conditions before replacing receptacles, opening panels, or beginning installation work.

Safety verification in commercial and residential work: ideal for offices, hospitals, retail spaces, and multiunit buildings.

Reliability and safety start right here.

Why It Matters

New electricians encounter everything from lighting and receptacle circuits to HVAC loads, small motors, smart home devices, and GFCI protected circuits. This kit prepares them to approach any of these environments with confidence.

It's the fastest way to build safe, repeatable habits that stay with them for life — and a perfect first tool set for residential work, daily jobsite checks, and quick start verification routines.

Included Tools



1AC II Non-Contact Voltage Tester

90 V up to 1000 V AC detection, CAT IV 1000 V, easy to use—just touch the tip to a terminal strip, outlet, or cord. When the tip glows red and the unit beeps, you know there's voltage in the line.



ST120+ GFCI Socket Tester with Beeper

Bright LEDs with 6 wiring conditions, one-button GFCI test, audible voltage/ beeper tracing (beeper can be switched off).

Fluke. Keeping your world up and running.™

[Fluke.com](https://www.fluke.com)

©2026 Fluke Corporation.
Specifications subject to change without notice.
260542-en

Modification of this document is not permitted
without written permission from Fluke Corporation.



Scan to explore
our bundles

FLUKE