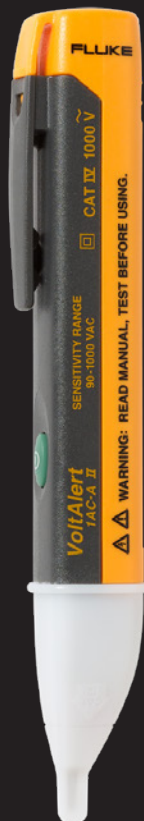


FLUKE®

Apprentice Diagnostic Kit

Start with tools you can be sure of



From quick safety checks to accurate AC/DC measurements and real fault isolation

What It Does

This kit expands beyond basic safety workflows to give electricians the accuracy needed for true diagnostics. With the Fluke 106, a compact, CAT III 600 V DMM, users can validate AC/DC voltage, check continuity, measure resistance, confirm current behavior, and isolate faults more accurately than with go/no-go tools alone.

It's the ideal step for electricians doing repair work, maintenance tasks, equipment validation, and deeper circuit analysis across residential and commercial.

Real world applications

Accurate AC/DC voltage validation: verify supply voltage to motors, lighting circuits, low voltage transformers, HVAC equipment, controls, and power supplies to distinguish between line and load-side faults.

Continuity and resistance checks for fault isolation: locate opens, shorts, degraded connections, or damaged conductors.

Outlet and circuit verification: pair ST120+ GFCI testing with DMM readings to confirm wiring accuracy, pair ST120+ GFCI testing with DMM readings to confirm wiring accuracy, detect open ground conditions, and ensure stable voltage delivery under load.

Panelboard and branch circuit diagnostics: measure voltage drop, detect phase imbalance, verify neutral continuity, and confirm safe operating conditions before deeper work begins.

Low voltage system checks: ideal for thermostats, security systems, lighting controls, and access devices.

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 106 Digital Multimeter

CAT III 600 V; AC and DC voltage measurement, AC and DC current measurement, resistance measurement, capacitance measurement; compact 142 mm x 69 mm x 28 mm size.



TL75 Test Leads

Hard Point™, right-angle shrouded banana plugs, CAT II 1000 V, 10 A (with protective cap: CAT IV 600 V / CAT III 1000 V).

Fluke. Keeping your world up and running.™

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