

Multi-Test Pro

Receptacle Analyzer System

First compact electrical tester with AFCI test built in!

TRANSMITTER UNIT

- Circuit analyzer to show whether receptacle is wired properly.
- Pushbutton to test Arc Fault Circuit Interrupters.
- Pushbutton to test Ground Fault Circuit Interrupters.
- Signal generator for circuit breaker identifier.

RECEIVER UNIT

- Traces the circuit breaker feeding the transmitter.
- Fully automatic operation.
- Non-contact AC voltage sensor.
- Battery-saver features.

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For professional electricians and do-it-yourself homeowners....

This electrical test system contains everything you need to test an electrical receptacle.

Visible from all directions, three bright solid-state lamps on the transmitter front panel indicate whether the receptacle is wired properly.

To test an AFCI or GFCI circuit breaker, just push a button.

The handy receiver detects the unique signals generated by the transmitter. Just scan the receiver over the circuit breaker panel. No user adjustments are needed—the receiver zeros in on the right circuit breaker automatically.

With state-of-the-art sensitivity and selectivity, the **Multi-Test Pro** picks out the tough cases that confuse competitive units—such as two circuit breakers with wires running through the same conduit.

The receiver also contains a non-contact voltage sensor for sniffing out live AC wiring. Two LED lamps and an internal beeper provide instant feedback.

ARC FAULT CIRCUIT INTERRUPTERS

Effective in 2002, the National Electrical Code requires that every receptacle in the sleeping quarters of all new residential construction projects must be powered by an Arc Fault Circuit Interrupter.

An AFCI is an enhanced circuit breaker that protects against more than just continuous over-currents—above 15 or 20 amps. It also detects arcing or sputtering faults. Arc faults are caused by worn or frayed insulation, or by faulty connections. Arc faults are thought to be responsible for hundreds of dangerous fires every year.

As the electrical industry becomes more familiar with the requirement for arc fault protection, the question naturally arises as to how to test for proper operation of a protected branch circuit receptacle.

Before the introduction of this product, the only arc fault testers available were bulky and expensive.

The **Multi-Test Pro** is the first compact and practical AFCI tester that the professional electrician or home handyman will feel comfortable adding to his tool kit.



The handy receiver zeros in on the right circuit breaker automatically as you scan over the panel—no user adjustments needed.

TRANSMITTER

- Three-prong plug for 120 VAC grounded receptacle.
- Three solid-state lamps indicate whether receptacle is wired properly.
- AFCI test generates series of simulated arc faults to trip an AFCI circuit breaker. If the AFCI does not trip, yellow lamp flashes for 10 seconds.
- GFCI test generates a ground fault current to trip a GFCI device. If the GFCI does not trip, yellow lamp flashes for 10 seconds.

RECEIVER

- Detects unique pulses from the transmitter, homes in on strongest circuit.
- Non-contact voltage sensor locates hot AC wiring.
- Two LED lamps and a beeper provide feedback to the user.
- After 30 seconds inactive, beeps once a second. After 10 minutes, shuts off automatically to save the battery.
- User-replaceable 9V battery.



Available as a standalone Receptacle Analyzer—

- Checks receptacle wiring.
- Performs AFCI test.
- Performs GFCI test.

Technology available for use outside North America for 220 VAC/50 Hz, international receptacles, with or without AFCI and GFCI test capabilities.

Patents pending on AFCI tester and circuit breaker identifier technology.