

KO INSTRUMENTS

CBA-1000 CIRCUIT BREAKER ANALYZER

NOTE:
Not an
AFCI or
GFCI tester

Now you can safely
test EVERY installed
120V/15A or 20A
circuit breaker,
new or old!

INTRODUCING THE INDUSTRY'S ONLY
overcurrent response analyzer for installed
thermal/magnetic circuit breakers.

(Per NEC Article 240)

Take the guesswork and
safety concerns out of circuit
breaker overcurrent response
with this unique, hand-held
analyzer. With the CBA-1000,
electricians no longer have to
assume that single-pole, 120V
circuit breakers will perform
as required. This instrument
quickly and safely tests each
branch circuit including the
circuit breaker, identifying those
breakers which do not
respond per NEC Article 240.1,
Fine Print Note.

- Plugs into any 120V receptacle, delivers results in seconds
- Checks outlet wiring and performs load testing
- Conducts controlled short circuit, analyzes circuit breaker response
- 1000-test, field-replaceable trip module
- Rugged, compact, lightweight
- Delivers new revenue opportunities, improves productivity

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Leaders in branch circuit breaker performance verification

Which breakers
are potential
fire hazards?
The CBA-1000
will reveal
them.

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CBA-1000 CIRCUIT BREAKER ANALYZER

PHYSICAL DESCRIPTION

- 2-piece instrument (controller, trip module)
- 2-line, backlit LCD display
- Single control button
- Field-replaceable trip module has 1000-test lifespan (displays number remaining)
- Stores all data from all tests for reporting
- 3' control cable (additional 3' power cord included)
- Detachable velcro carrying strap on trip module
- Requires 3 AA batteries (included)

"7-IN-1" MULTI-PURPOSE INSTRUMENT

- Receptacle wiring checker
- Digital voltmeter
- Voltage-drop calculator
- Breaker identifier
- Available fault current meter
- "Hot-spot" detector
- Circuit breaker short circuit response analyzer

SAFE, EASY TO USE

- Single button, "step-through" operation
- Recalculates branch circuit impedance and short circuit timing for each test
- Precision test timing limits conductor heating per National Electrical Code, Article 240.1, Fine Print Note
- High-speed test monitoring with rapid abort capability for series faults
- Sealed, high-current contactor ensures safe power handling

COMPREHENSIVE ANALYTICAL RESULTS

- Provides the only branch circuit analysis in the industry that includes overcurrent response analysis of thermal/magnetic breakers
- Five unique test results displayed and stored:

Maximum safe breaker response time (calculated per NEC Article 240.1, FPN)

Actual breaker response time

Breaker performance (pass/fail)

Available fault current

Series fault detection

- Also displays:

Line voltage

% voltage drop

Loaded volts

Receptacle wiring

SIGNIFICANT WORKER PRODUCTIVITY AND SAFETY GAINS

- Quickly, safely takes down a branch circuit from any outlet
- Allows safe handling of existing circuits in renovations
- Provides positive branch circuit and breaker ID
- Finds circuit wiring faults, impedance problems
- Speeds panel labeling
- Handy, plug-in DVM and wiring analyzer

BENEFITS TO YOUR BUSINESS

- Adds previously-impossible branch circuit breaker performance verification to testing portfolio
- Additional work generation based on detection of branch wiring and circuit breaker problems
- Reduce panel labeling time while delivering field-tested branch breakers on new and existing installs

Trip module conducts precisely-controlled short circuit

LEDs verify line condition

Screen displays test guidance, results, circuit conditions, and stored data

Press the button three times and you're done!

If you **cannot trip** a breaker with this instrument, that breaker needs to be replaced!

Protected by U.S. patents

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For a listing of authorized distributors call or visit our web site

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