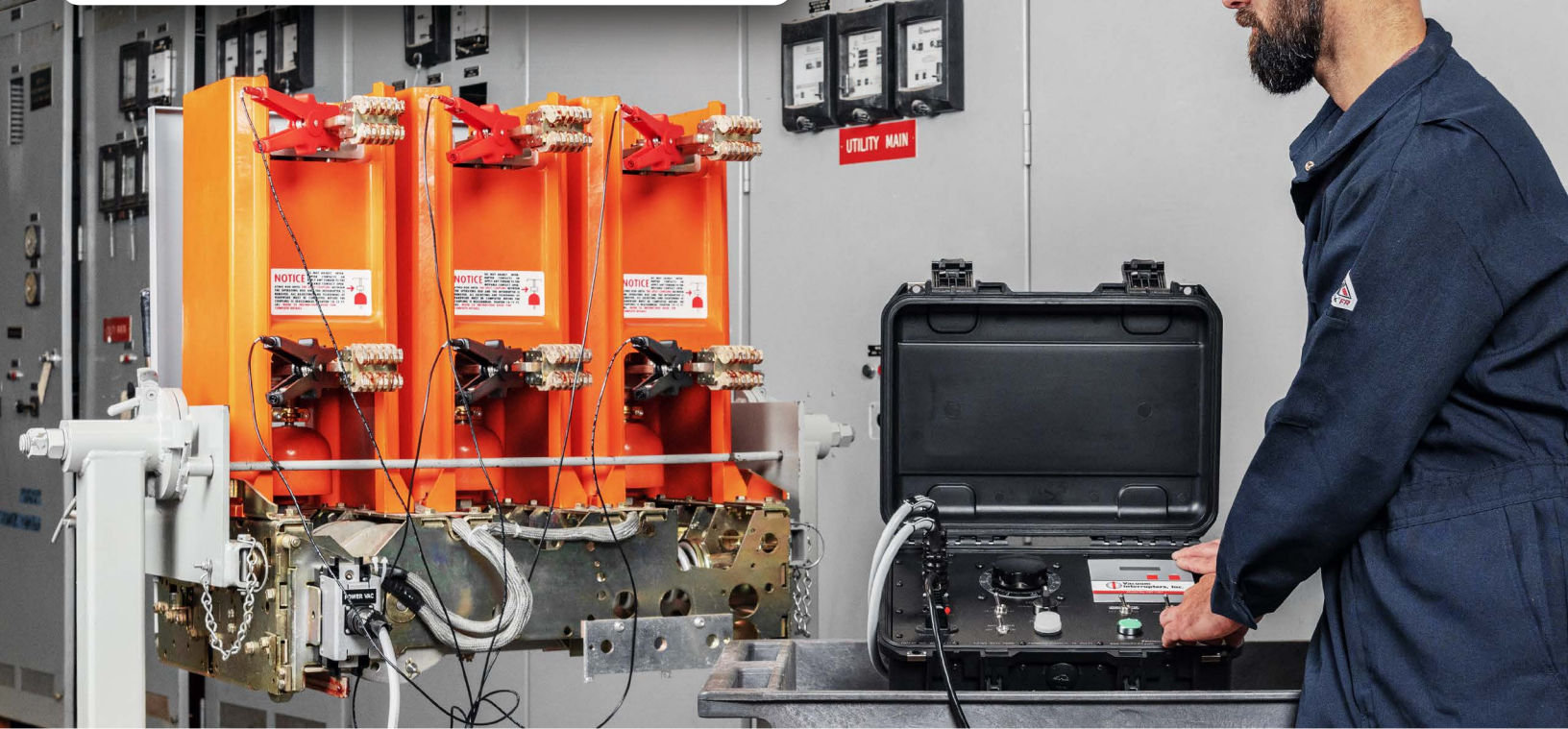


# POWER ON THE GO FOR CIRCUIT BREAKER TIMING TESTS



**CBT-1202 includes heavy-duty circuit breaker timing test set, variable power supply, and switching controls in one unit.**

The new CBT-1202 is an accurate, cost-effective, and easy-to-use tool for field or shop use that confirms proper breaker speed and clearing times as part of a maintenance program or arc-flash validation study. Internal variable power supply, switching controls, and custom breaker-specific operation plugs allow you to quickly and efficiently test a breaker in the shop or field.

US PATENT NO. 9,086,447

**SOLID, EASY-TO-USE CBT-1202  
CIRCUIT BREAKER TIMER  
OPERATES AND INTERACTS WITH  
ALL TYPES OF CIRCUIT BREAKERS**

- FIELD-PORTABLE UNIT CAPTURES AND STORES TRIP, CLOSE, AND BOUNCE TIMES -ALL IN MILLISECONDS
- SELF-CONTAINED TEST SET INCLUDES CABLE SET AND ONBOARD 120V AC/125V DC VARIABLE POWER SUPPLY TO OPERATE BREAKER OUTSIDE OF CUBICLE, INCLUDING TRIP AND CLOSE SWITCHING
- PRE-CONFIGURED OPERATION PLUGS FOR ALL CIRCUIT BOARD CONTROL DIAGRAMS ALLOW FOR EASY HOOK-UP
- CUSTOM BREAKER SPECIFIC PLUGS AVAILABLE FOR VIRTUALLY ANY CIRCUIT BREAKER TO SIMPLIFY AND SPEED UP ELECTRICAL TESTS

13765 BETA ROAD | FARMERS BRANCH, TEXAS 75244 | [INFO@VACUUMINTERRUPTERSINC.COM](mailto:INFO@VACUUMINTERRUPTERSINC.COM)



**214-442-5877**  
**Vacuum Interrupters Inc.com**



# Circuit Breaker Timer and Portable Power Supply

## CBT-1202

### SPECIFICATIONS

**Type:** Portable circuit breaker power supply with integrated contact timer

**Power Supply:** Variable 0-120V AC / 0-125V DC 10-amp integrated power supply with variable input capabilities for other voltages

**Physical Specifications:** 16.5" W x 7" H x 13.5" D (41.9 cm x 17.8 cm x 34.3 cm); weight: 19 lbs. (8.6kg)

**Input Power:** 120V AC - 60 Hz

**Dry-Contact Inputs:** 3 channels

**Trigger:** Push button

**Breaker Operations:** Charge, Open, Close

**Timing Resolution:** ±0.1 millisecond; accuracy: 0.05% of reading ±0.1 ms

**MFG Display:** Back-lit LCD screen (128 x 64 pixels): viewable in bright sunlight and low-light conditions

**Internal Test Record Storage:** Stores up to 10 timing records

**Safety:** Designed to meet IEC61010 (1995), UL61010A-1, CSA-C22.2 standards

**Storage:** -30°C to +70°C (-22°F to +158°F)

**Storage Bag:** Rugged canvas cable and instrument storage bag included

**Humidity:** 90% RH @ 40°C (104°F) non-condensing

**Altitude:** 2,000 m (6,562 ft.) to full safety specifications

**Options:** Breaker-specific operation plugs sold separately

**Warranty:** One year on parts and labor



### STANDARD FEATURES

- Operates and interacts with all types of circuit breakers
- Digital timer captures breaker trip, close, and bounce times
- Variable 0-120V AC / 0-125V DC power supply to operate spring-charged breakers outside of cubicle
- Distributes variable voltages from an external variable power supply up to 250V
- Switching to open/trip and close a breaker
- Breaker-specific operation plugs provide simple, fast connection to the breaker
- Clip-on cable allows for more test data to be gathered
- Compact and lightweight; suitable for field and shop use
- Includes a heavy-duty utility-grade storage bag for leads and control unit
- Furnished with full set of test leads including 12-ft. contact leads and universal breaker operation cable



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