

Visit VacuumInterrupterTesting.com for a technical paper on magnetron atmospheric condition (MAC) testing, the only test set capable of predicting the remaining life of vacuum interrupters.



POWER ON THE GO FOR CIRCUIT BREAKER TIMING TESTS

CBT-1201 includes heavy-duty circuit breaker timing test set, power supply, and switching controls all in one unit.

The new CBT-1201 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 power supply, switching controls, and custom cables 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-1201
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 POWER SUPPLY TO OPERATE BREAKER OUTSIDE OF CUBICLE, INCLUDING TRIP AND CLOSE SWITCHING
- PRE-CONFIGURED CABLES FOR ALL CIRCUIT BOARD CONTROL DIAGRAMS ALLOW FOR EASY HOOK-UP
- CUSTOM CABLES AVAILABLE FOR VIRTUALLY ANY CIRCUIT BREAKER TO SIMPLIFY AND SPEED UP ELECTRICAL TESTS

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Circuit Breaker Timer and Portable Power Supply

CBT-1201

SPECIFICATIONS

Type: Portable circuit breaker power supply with integrated contact timer

Power Supply: 120V AC/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: 9.1 lbs. (4.1 kg)

Input Power: 120V AC - 60 Hz

Dry-Contact Inputs: 3 channels

Trigger: Push button

Breaker Operations: 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 $+70^{\circ}\text{C}$ (-22°F to $+158^{\circ}\text{F}$)

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 cables sold separately; examples shown below

Warranty: One year on parts and labor

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STANDARD FEATURES

- Operates and interacts with all types of circuit breakers
- Digital timer captures breaker trip, close, and bounce times
- 120V AC/125V DC power supply to operate spring-charged breakers outside of cubicle
- Distributes variable voltages from an external variable power supply
- Switching to open/trip and close a breaker
- Breaker-specific 12-ft. cable assemblies 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



VHK Cable



VCP-W Cable



Universal Cable



PowerVac Cable

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