



# Identify Mechanical Failures Before They Happen with the Circuit Breaker Analyzer App

- **WORKS ON A WINDOWS 7-COMPATIBLE TABLET AND PC**
- **INCREASES IN-SERVICE TESTING FREQUENCY, BOOSTS UPTIME**
- **EVALUATES OVERALL MECHANICAL CONDITION**
- **TESTS ALL TYPES AND RATINGS OF BREAKERS**
- **DETERMINES BREAKER OPENING AND CLOSING TIMES**
- **PROVIDES FIRST TRIP DATA**

Use your Windows 7-compatible tablet or PC with the **CBAalyzer™** system to **test your circuit breakers in place**.

Operate the breaker in any sequence you desire: for example, trip – charge – close. The vibration data created by the breaker operation is captured and analyzed, and the result is instantly returned to your device. The data is saved in your online account for equipment management, trending, and further analysis options, including specialized issue diagnosis.

## Check out Some of the Advanced Features in the Tablet Version of **CIRCUIT BREAKER ANALYZER**

- Compare two tests side by side
- Bad vacuum bottle detection in select models
- View Fourier transforms of vibration signatures
- Print and read barcodes for asset management
- View the vector signature of the vibration test
- Highlight any axis in your 3D vibration signature with simple point and click
- Generate, print, and store breaker reports
- Store tests on the tablet, PC, or network
- Trend data over time
- Automatically record temperature settings... and much, much more!

To purchase the app, visit  
[CircuitBreakerAnalyzer.com](http://CircuitBreakerAnalyzer.com)



PATENT PENDING

**Circuit Breaker  
Analyzer, Inc.™**

A Group CBS Company

**972-290-0074**  
**CircuitBreakerAnalyzer.com**  
EMAIL [info@CBAalyzer.com](mailto:info@CBAalyzer.com)



PIC	Serial Number	Asset	Last Result	Last Test Date	Edit	Barcode
	AM-4-16-250 Demo Equipm	02-935685-019	FAIL	12/10/2013		
	DS-206 Demo Equipment	14-58717-022A	PASS	12/10/2013		
	DS-633 Demo Equipment	11-10126-113	PASS	12/10/2013		

**CBA Analyzer™** Windows-7 tablet and PC versions now include these advanced testing features:

- Compare two tests side by side
- Bad vacuum bottle detection in select models
- Print and read barcodes for asset management
- View Fourier transforms of vibration signatures
- Automatically record temperature settings
- View the vector signature of the vibration test
- Highlight any axis in your 3D vibration signature with a simple point and click
- Generate, print, and store breaker reports
- Store more tests on the tablet, PC, or network
- Trend data over time

**CBA Analyzer™** compares precision 3D vibration data to known good profiles to determine:

- Overall mechanical condition
- Arc-flash study validation checks
- Breaker timing: opening and closing times
- First trip testing data for arc-flash compliance
- Quickly identifies potential mechanical failures BEFORE they happen
- Test in place. Doesn't require modification, electrical connections, or removal of breaker
- Tests breaker mechanical systems during trip, charge, and closing operations
- Simple operation. Visual guide empowers any level technician for testing
- Measures vibration in 3-axis using external, 400 Hz accelerometer
- Compares vibration signature to known good profiles
- Complements time-travel analysis (TTA) and visual-mechanical inspections (VMI)
- Calculates contact parting (or closing) time
- Stores data in CBA Analyzer app Account Manager
- Simplifies record keeping by wirelessly sending data to user-set database
- Reduces arc-flash dangers; reduces wear because breaker is tested in place
- Built-in safety questions help keep personnel safe
- Use on your existing Windows-7 tablet or PC
- Extremely portable
- Costs a fraction of standard breaker test equipment

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**972-290-0094**  
**CircuitBreakerAnalyzer.com**  
EMAIL [info@CBAalyzer.com](mailto:info@CBAalyzer.com)