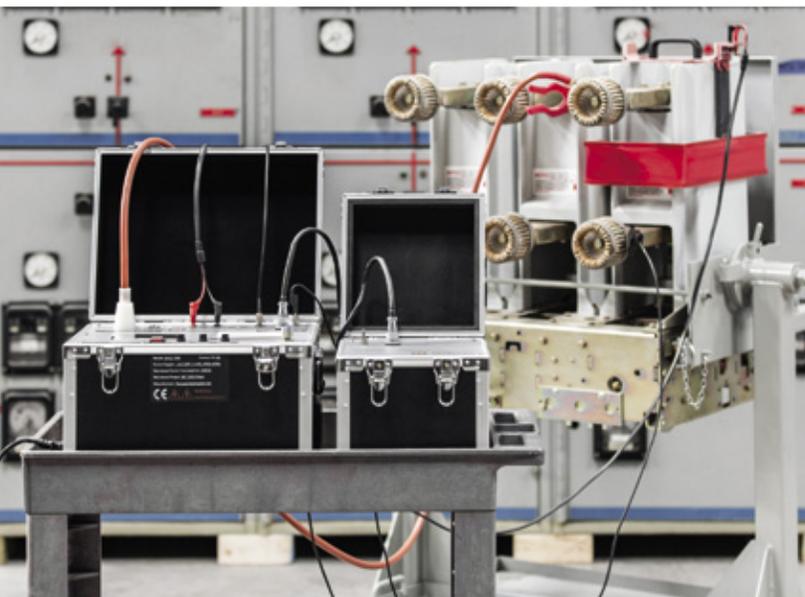


Vacuum Interrupters

A Group CBS Company



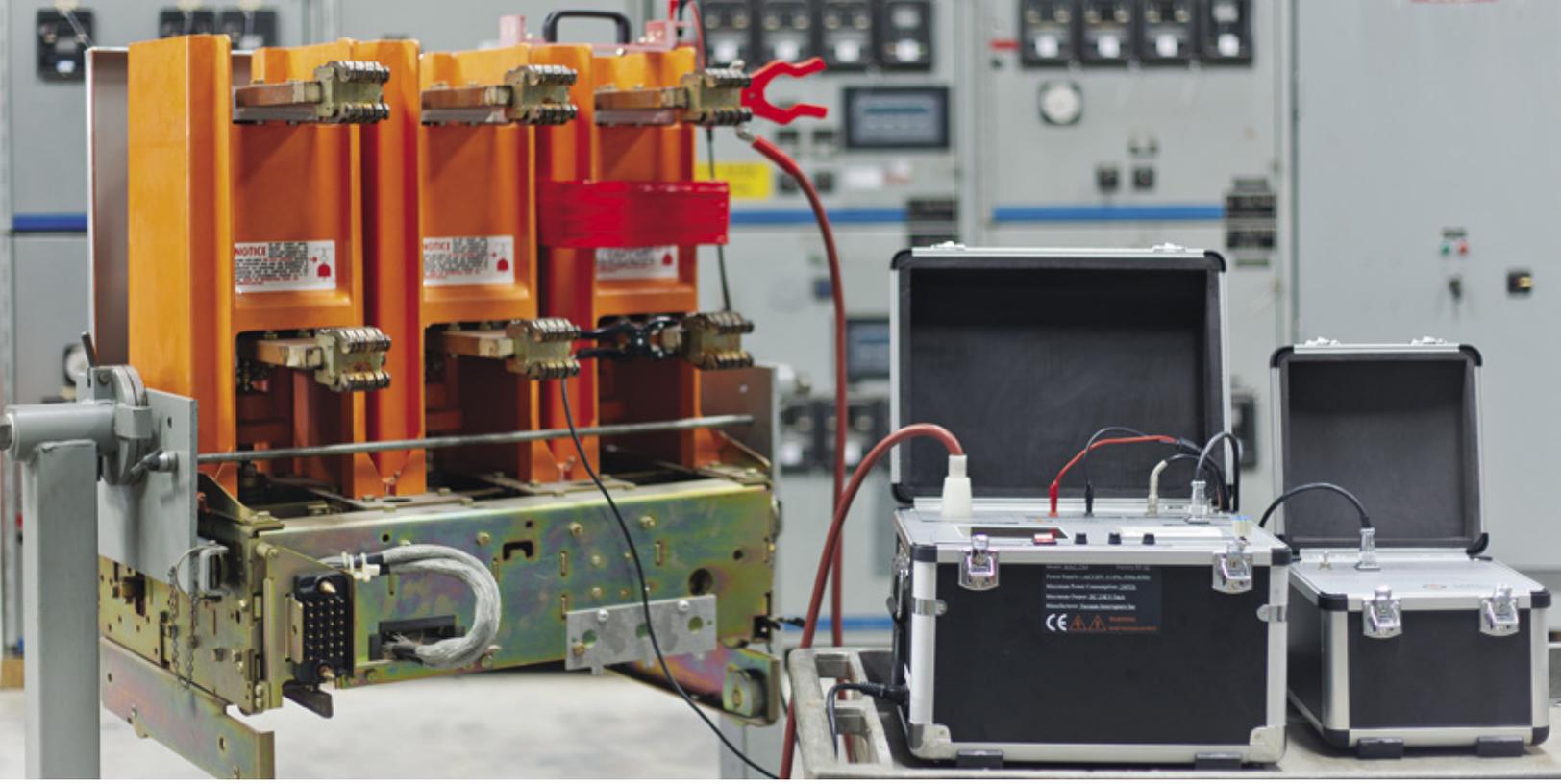
Your One-Stop Shop for Vacuum Interrupter Testing, Replacement, and Service



13765 BETA ROAD | FARMERS BRANCH, TEXAS 75244

214-442-5877
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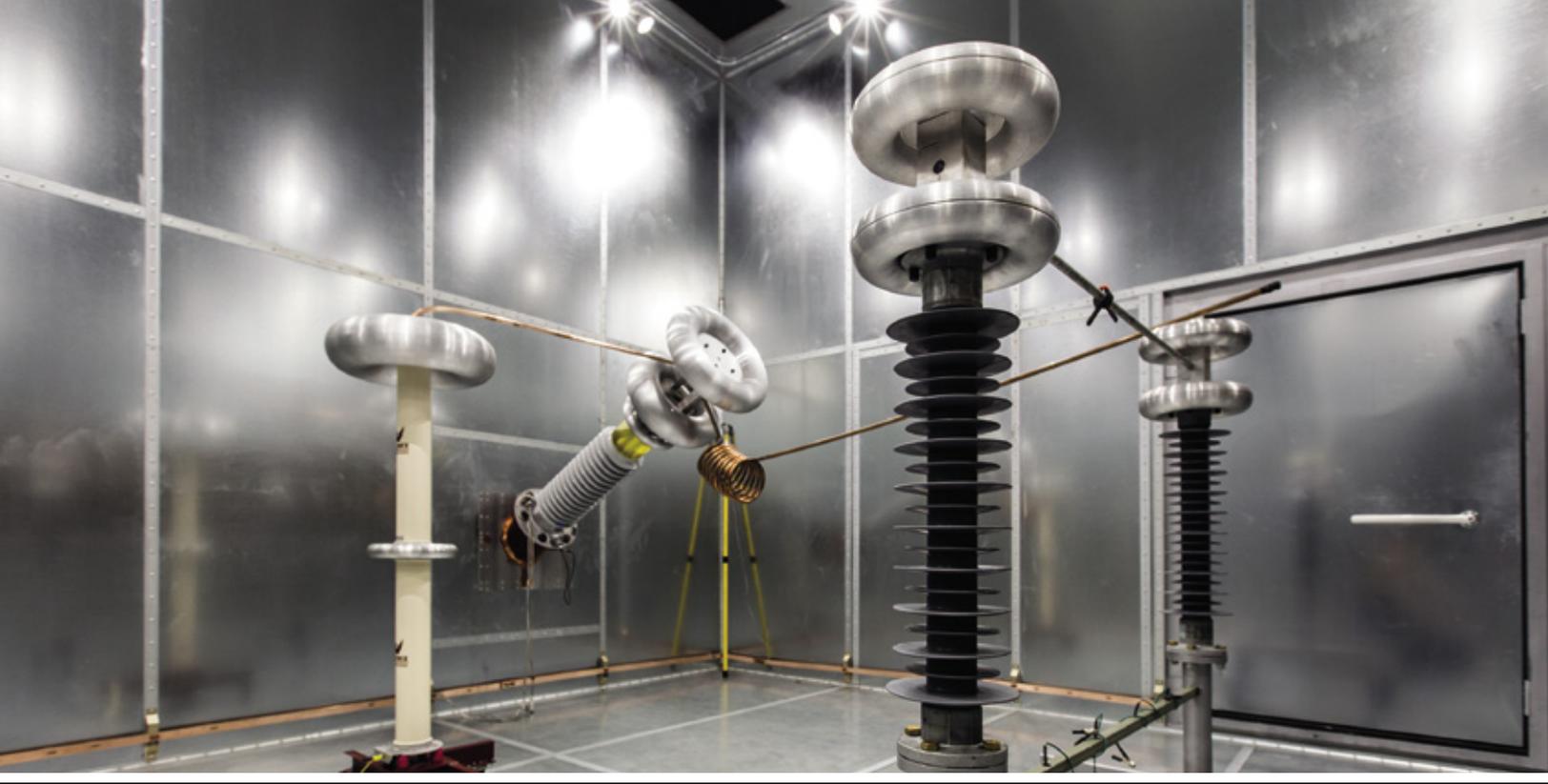
MAC-TS₄ predicts the remaining life of your vacuum interrupters

Until now, the accepted field service test for vacuum interrupters has been a simple go/no-go test performed with an AC high-potential test. Today, testing with our Magnetron Atmospheric Condition (MAC) test sets can prevent unnecessary damage to your circuit breakers and contactors.



THIRD-GENERATION MAC-TS₄ VACUUM INTERRUPTER TEST SET NOW WORKS WITH YOUR PC TO SIMPLIFY TEST REPORTS AND ASSET MANAGEMENT

- WORLD'S FIRST PORTABLE VACUUM INTERRUPTER TEST SYSTEM CAPABLE OF PREDICTING REMAINING LIFE
- MAC-TS₄ IS THE WORLD'S FIRST TEST SYSTEM CAPABLE OF TESTING VACUUM INTERRUPTERS IN BOTH THE SHOP AND FIELD
- ANALYSIS BASED ON SAME OEM LEAK-RATE TEST PERFORMED AT THE FACTORY
- SYSTEM PARAMETERS BASED ON MEASUREMENTS OF THOUSANDS OF VACUUM INTERRUPTERS



High-Voltage Test Laboratory and Mechanical & Environmental Testing

Available for testing or certification of your equipment, our high-voltage laboratory is equipped with specialized test equipment and measuring instrumentation to evaluate and certify low- and medium-voltage electrical equipment such as circuit breakers, switchgear, insulators, transformers, power cables, arresters, capacitors, pole line hardware, bucket trucks, and vacuum interrupters. Additionally, we have the capability of performing a wide variety of mechanical and environmental tests.

Our experienced staff will work with you to develop the appropriate tests for your equipment. Additionally, we can assist in the redesign and modification of previously certified or never-certified electrical equipment used in upgrades. Engineering and technical services are available to assist in certification or design tests for all types of electrical insulating systems. Problem mitigation is our specialty.

We are your one stop for the electrical, mechanical, and environmental testing and certification of your low- and medium-voltage electrical equipment and apparatuses.





The CBT-1202 provides power on the go for three-phase contact timing tests

The 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.



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 120 V AC/125 V 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

REPLACEMENTS & SERVICE

Vacuum Interrupters has the world's widest selection of:

- Vacuum interrupter replacements rated up to 38 kV, 3000 A
- Replacements for all major OEM interrupters, including GE, Eaton, CH, Westinghouse, ABB, Siemens, and many more
- Replacement pole assemblies, parts, and components
- Custom design/manufacturing services for obsolete interrupters and breakers
- Field and in-shop vacuum interrupter installation services
- Replacement SF6 pole assemblies and refurbishing services

**Search our
vacuum
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Vacuum Interrupters can provide a vacuum interrupter pole assembly as well as replacement vacuum interrupter parts or components for virtually any manufacturer's medium-voltage circuit breaker.

- We can quickly design replacement or custom vacuum interrupters to fit virtually all types of circuit breakers.
- Pole Assembly Exchange Program – complete pole assemblies are available for many common vacuum circuit breakers.
- Rental vacuum circuit breakers are available while yours is being serviced.
- We offer SF6 gas recycling and reclaiming, which means we can fix and recharge your expensive SF6-based gear so it can be put back into service.





GROUP CBS AFFILIATES

Group CBS **GroupCBS.com**

Headquarters for affiliated electrical equipment, service, and engineering companies throughout the US, UK, Middle East, and Pacific Rim, providing premier products and services to the industrial, utility, electrical distribution, and repair markets worldwide.

Addison, TX – Ph: 972-250-2500

Group CBS UK/Europe **GroupCBSEurope.co.uk**

Group CBS Europe sells the products of CBS ArcSafe and Vacuum Interrupters.

Milton Keynes, Buckinghamshire – Ph: +44 0 7770 500 577

Advanced Electrical & Motor Controls **AEAMC.com**

Certified UL 508A industrial control panel builder specializing in the sales and service of insulated-case circuit breakers, molded-case circuit breakers, bolted pressure switches, panelboards, switchboards, motor controls, bus plugs, bus ducts, and renewal and replacement parts.

Irving, TX – Ph: 972-253-7783

Arkansas Electrical Outlet **AEOglobal.com**

Arkansas Electrical Outlet specializes in new and remanufactured electrical power distribution equipment and custom-built systems for a wide variety of industries and clients. Products include motor control centers, motor starters, MCC buckets, panelboards, switchboards, control panels, pump panels, circuit breakers, bus plugs, industrial-grade switches and disconnects, control and power transformers, and variable-frequency drives and motors.

Forrest City, AR – Ph: 870-633-4997

CBS Nuclear Services **CBSNuclear.com**

In-shop and on-site field servicer of Class 1E safety-related low- and medium-voltage switchgear and circuit breakers. Also services industrial and non-nuclear-related circuit breakers and related switchgear and substations.

Matthews, NC – Ph: 704-882-1875

Carolina Precision Switchgear **CPSwitchgear.com**

Carolina Precision Switchgear specializes in refurbishing low- and medium-voltage circuit breakers, restoring equipment in shop or on-site.

Concord, NC – Ph: 704-596-4242

Solid State Exchange & Repair **SolidStateRepair.com**

SSER repairs and calibrates electronic circuit breaker trip units for hundreds of customers, including many of the major circuit breaker manufacturers. Services include repairs of solid state trip units for circuit breakers, multifunction relays, secondary test sets, power supplies, and ground fault relays.

Denton, TX – Ph: 877-TRIP-FIX

Circuit Breaker Sales **CircuitBreaker.com**

World's largest inventory of low- and medium-voltage circuit breakers and parts. Complete service, remanufacture, upgrade, and life-extension services. Also offers CBS MagVac magnetic latching medium-voltage breakers and Tough Duty® Power/Vac® roll-in replacement breakers.

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Crown Point, IN – Ph: 219-213-2095

Denver – Ph: 720-981-4580

Detroit – Ph: 734-357-8005

Lakeland, FL – Ph: 863-646-5099

Louisiana – Ph: 225-673-2278

Houston – Ph: 281-479-4555

Northeast – Ph: 800-521-0197

Phoenix – Ph: 888-395-2021

Salt Lake City – Ph: 888-395-2021

Seattle – Ph: 888-395-2021

St. Louis – Ph: 618-357-6300

Vancouver – Ph: 888-395-2021

Western PA – Ph: 800-521-0197

CBS ArcSafe **CBSArcSafe.com**

The arc-flash protection experts, offering remote racking systems, remote switch actuators, and handheld motorized racking tools for low- and medium-voltage switchgear.

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Circuit Breaker Analyzer **CBAAnalyzer.com**

Producer of new circuit breaker testing methods that use vibration analysis combined with internet data transfer and sophisticated condition-based analysis to determine the condition of all types of circuit breakers.

Addison, TX – Ph: 972-290-0074

Vacuum Interrupters **VacuumInterrupters.com** **VacuumInterrupterTesting.com**

Your source for replacement vacuum interrupters, MAC-TSx® series of vacuum interrupter test units, CBT-1201® timers, and replacement encapsulated poles for Power/Vac® circuit breakers.

Farmers Branch, TX – Ph: 214-442-5877

CBS Field Services **CBSFieldServices.com**

Specializing in providing electrical testing and maintenance services for electrical switchgear and power distribution equipment performed per ANSI and NETA standards, CBS Field Services' technicians and engineers provide independent third-party testing and analysis and are available 24/7 to ensure the reliability and safety of your power distribution system.

HEADQUARTERS Phoenix – Ph: 888-395-2021
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Detroit – Ph: 810-720-2280

Lakeland, FL – Ph: 800-232-5809

Nashville – Ph: 615-669-4348

Salt Lake City – Ph: 888-395-2021

Seattle – Ph: 888-395-2021

Vancouver – Ph: 888-395-2021