

Visit VacuumInterrupterTesting.com
to download our technical paper
on predicting the remaining life
of vacuum interrupters in the field.



WHEN PASS-FAIL ISN'T ENOUGH

Trust Magnetron Atmospheric Condition (MAC) testing to predict 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 VACUUM INTERRUPTER TEST SYSTEM CAPABLE OF PREDICTING REMAINING LIFE
- WORLD'S FIRST TEST SYSTEM CAPABLE OF TESTING VACUUM INTERRUPTERS IN BOTH THE SHOP AND FIELD
- BASED ON SAME OEM LEAK-RATE TEST PERFORMED AT THE FACTORY
- MEASURES ACTUAL ION CURRENT AGAINST KNOWN VALUES TO DETERMINE VACUUM INTERRUPTER INTERNAL PRESSURE

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Magnetron Atmospheric Condition (MAC) Analysis

MAC-TS4

SPECIFICATIONS

Type: MAC-TS4

Physical Specifications: 16.9" × 12.6" × 9.8" (430mm × 320mm × 250mm) Weight: 28.4 lb (12.9Kg)

Input Power: 120V AC 50/60Hz (standard), 230V AC 50/60Hz (optional)

Measure Range: 1×10^{-5} Pa ~ 1×10^{-1} Pa

Measure Accuracy: <10% of the reading

Display: Back-lit LCD screen (320 × 240 pixels); viewable in bright sunlight and low light conditions

Printer: Built-in 2.2-in. wide thermal printer

Internal Test Record Storage: Stores up to 500 test results

Computer Interface: One USB interface

Computer Software: Windows®-based software included with purchase price

Certifications: CE certified

Environment: Operating: -10°C to +50°C (+15°F to +122°F)

Humidity: 85% Rh @ 40°C (104°F) non-condensing

Altitude: 2,000 M (6,562 ft) to full safety specifications

Cables: Furnished with full set of test leads (including high-voltage output cable, signal input cable, magnetic coil output cable, 20-ft ground cable, and USB cable)

Options: Various-sized fixed coils

Warranty: One year on parts and labor



STANDARD FEATURES

- Lightweight, portable tester
- Compatible with fixed or flexible magnetic field coils (one flex coil included in purchase price)
- Easy and safe to operate
- Graphical LCD display
- PC software allows user to control MAC-TS4 operation, download stored test results, and generate test reports
- Field or shop use



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