

# Get **3 test sets** for the **price of 1** with the **new VITS75M**

**The VITS75M performs automated vacuum integrity as well as standard megohmmeter Insulation Resistance tests, including automated routines for Polarity Index and Absorption Ratio tests. The VITS75M can also be used for DC high-potential (HiPot) testing at voltages up to 75 kV DC.**

Unlike other vacuum integrity test sets on the market today, the VITS75M not only performs standard go/no-go tests on vacuum interrupters but also includes a 2.5/5/10 kV megohmmeter for Insulation Resistance testing with automated Polarity Index and Absorption Ratio testing routines and has the capability to serve as a standalone 75 kV DC HiPot test set for most types of insulation testing. **Get 3 test sets for the price of 1 with the VITS75M.**

This simple-to-operate set walks technicians through setup, generating a visual go/no-go result for testing the vacuum integrity of vacuum interrupters and the dielectric strength of various vacuum breaker components during regular maintenance while offering fully programmable leakage current thresholds and test durations. To learn more about the **VITS75M**, contact us at [Info@VacuumInterruptersInc.com](mailto:Info@VacuumInterruptersInc.com) for a demo at your location or call us at 214-442-5877.



## FEATURES AND BENEFITS

- Safety features with auto discharging, interlock, and safety control button
- 2.5/5/10 kV standard line-powered megohmmeter
- Integrity test, Insulation Resistance test, Absorption Ratio test, and Polarity Index test all in one — lower price, more functions
- Tough dual-case design
- Operates in 1 kV DC increments
- CE certified
- Lightweight
- Failure indicator LED makes it easy to interpret results (green light: pass; red light: fail)
- Available with optional 5-year warranty with loaner service included. Never be down more than a day.

## VITS75M General Specifications

Dimensions: 18.5" x 14" x 9.5" (470 mm x 356 mm x 241 mm)

Weight: 28 lbs. (12.7 kg)

Vacuum Integrity Test Voltage Range: 1 kV DC–75 kV DC (1 kV DC increments)

Insulation Test Voltage Range: 2.5 kV DC; 5 kV DC; 10 kV DC

Display: Backlit LCD screen viewable in bright sunlight and low light conditions

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

Humidity: 85% Rh @ 40°C (104°F) noncondensing

Altitude: 2000 m (6,562 ft.) to full safety specifications

Main Voltage: 100–240 V AC, 45–65 Hz

Max Power Consumption: 300 W

Safety Features : Overload cutout; auto-discharge stored voltage; external interlock circuit

## Want to know how long that interrupter will last?

Vacuum Interrupters' MAC-TS4 uses the Penning Discharge Principle to predict the remaining life of vacuum interrupters in the shop or field based on trend analysis of leak-rate current tests taken over time. To learn more about magnetron atmospheric condition (MAC) testing, contact us at [Info@VacuumInterruptersInc.com](mailto:Info@VacuumInterruptersInc.com) for a demo at your location, or call us at 214-442-5877.

## Interested in a demo?

Let us bring our equipment to your facility for an on-site demonstration. Contact us at [Info@VacuumInterruptersInc.com](mailto:Info@VacuumInterruptersInc.com), or call us at 214-442-5877.

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