



Get the 964i High Voltage Switch with the 95x & get 15% off both. Plus you get the QT INSITE automation software for free.

Only until April 1, '25



Get More Done Faster With The Complete Test Suite Test High Voltage Cables Faster & Without Errors

Together the Vitrek 964i and 95x can quickly and automatically perform the scores of tests needed to qualify multi-conductor high-voltage cables for a variety of applications.

The 964i high-voltage switch can be programmed to index through a variety of tests on a fixtured cable without the risk of human error or injury.

The system is anchored by the high-precision 95x series hipot tester, which can verify the insulation integrity of cables, measure leakage currents and low-resistance/continuity.

In tandem, the Vitrek 964i and 95x dramatically reduce the needed testing time for multi-conductor cables and the pair can automatically be quickly reprogrammed for another completely different harness.

Automatic & Fast

Vitrek's 964i automatically reconnects test probes @ .025 seconds, accelerating throughput and minimizing errors.

Safe

Minimizes human contact with high-voltage probes.

Scalable

Vitreks' 964i can handle up to 64 test points simultaneously or in quick succession, enabling you test more devices efficiently. If more than 64 test points are required, additional 964i units can be daisy-chained together

Precise

Highly accurate 95x hipot tester provides precise control over voltage levels & switching sequences, ensuring consistent & accurate testing conditions.

Reliable & Traceable

With Vitrek's QT Insite software you can initiate complex test protocols with a bar code scan and automatically save the test results by P/N. QT Insite also allows you to program the test via a remote PC and include operator instructions.

Orders must be placed with Vitrek by 5:00pm Central time on 4/1/2025. Offer only applies to the specified products and cannot be combined with any other promotion or discount. Orders placed for the 964i will receive 10% MSRP. Orders for the 964i and a 95x Series Hipot tester receive total 15% off MSRP. Void where prohibited. Manufacturer reserves the right to modify or cancel this promotion at any time, without prior notice

Applications

Cable testing is crucial to ensure compliance with regulations and standards. Thorough testing is time-consuming when the cables are power cables for special environments. The 964i/95x products are especially well-suited for the following industries where the costs of errors and non-compliance are high:



- Telecommunications
- Aerospace and Defense
- Automotive, Electronics & Appliance Manufacturing
- Medical Devices
- Industrial Automation

Accuracy, Speed and Safety

Hipot testers measure leakage current and insulation resistance between all cables, components and connections.

They can confirm solid ground connections and test ground bonds not only in cables but in PCBs as well. Most compliance tests require both the sequential application of precise and controlled high voltages or currents between pairs of elements as well as the accurate measurement and recording of the results.

Example:

A connector assembly with multiple conductors requires a unique test for each pair of contacts as well as between each contact and adjacent wires and then the connector body.

The 964i/95x switching system can improve labor productivity and/or throughput by orders of magnitude compared to traditional test methods. Moreover manual test methods are also susceptible to errors:

- Were all combinations tested?
- Were some duplicated?
- Have all conditions been met?
- Did the operator properly record the data?

Vitrek's 964i/95x Hipot test system provides an ideal productivity improvement tool for both high-volume/low-mix and low-volume/high-mix operations.

- Change-overs are quick: The relay networks and switches in the 964i can be reconfigured via software commands.
- Measurement tracking is simple: Vitrek offers the QT family of software to automatically track the measurements for easy storage.

The 964i/95x test system can confirm electrical compliance with the following NRTL standards



Watch on
YOUTUBE

See how the Vitrek high voltage test suite compares with manual testing.