

VITREK



VITREK SE Series

High Voltage
Safety Enclosures

Protect Your Operators

Protect operators from exposure to hazardous test voltage while maintaining production throughput. Let's add the safety enclosure overview image and application images attached

Quality and Reliability

Vitrek, founded in 1990, is the premier source of precision power testing and measuring equipment for industrial and consumer product development and manufacturing. Vitrek's sophisticated technology provides companies the edge in design verification and product manufacturability

Safety First!

Vitrek's SE Series of high voltage safety enclosures are designed to prevent the potential of electrical shock when performing electrical safety tests. The enclosure comes standard with a magnetic safety interlock switch and chassis ground connection that must be wired from the safety tester to the safety enclosure by the end customer for safe operation.

Enclosure Features

- Aluminum frame construction with ground connection
- Acrylic cover
- Magnetic interlock safety switch
- Chassis ground wire connection to be hooked up by customer
- Yellow safety panels
- 20 position terminal block with removable cover
- Pre-wired to connect to tester interlock via D I/O port
- 2" Flexible grommet - for cable pass through
- Large/wide UUT opening for ease of loading and unloading
- (3) High voltage test area stickers
- A variety of sizes available - easily adaptable to small or large non-standard applications

Extremely Flexible in a Variety of Applications

The SE Series safety enclosure is available in a variety of sizes and is easily adapted to small or large non-standard applications.



SE Series Safety Enclosure Models

SE-2420-7 - V7x Compatible: Outside: **24"w x 20"d x 12.5"h** Inside: 22"w x 18" d x 11"h

SE-2420-9 - 95x Compatible: Outside: **24"w x 20"d x 12.5"h** Inside: 22"w x 18" d x 11"h

SE-2420-10 - V10x Compatible: Outside: **24"w x 20"d x 12.5"h** Inside: 22"w x 18" d x 11"h

SE-3624-7 - V7x Compatible: Outside: **36"w x 24"d x 16"h** Inside: 33"w x 21"d x 14.625"h

SE-3624-9 - 95x Compatible: Outside: **36"w x 24"d x 16"h** Inside: 33"w x 21"d x 14.625"h

SE-3624-10 - V10x Compatible: Outside: **36"w x 24"d x 16"h** Inside: 33"w x 21"d x 14.625"h

SE-MAT - Optional Insulation Mat: **3' x 4' Black**

TYPICAL APPLICATIONS

Protect operators and ensure safe, reliable electrical safety testing across a wide range of products.

APPLIANCES	MEDICAL DEVICES	POWER SUPPLIES	CABLE ASSEMBLIES	INDUSTRIAL EQUIPMENT	EV & ENERGY SYSTEMS
					
Test insulation integrity of appliance power cords, motors, heaters and controls.	Safely perform hipot and IR tests on medical electronics, power supplies and wiring.	Verify insulation resistance and dielectric strength of power supplies and adapters.	Test multi-conductor cable harnesses with up to 256 test points.	Ensure electrical safety of industrial controls, drives, and automation systems.	Test insulation of EV chargers, battery systems, inverters and energy storage.

HOW IT WORKS



KEY BENEFITS

- PROTECT OPERATORS**
Prevent exposure to hazardous test voltages.
- INTERLOCKED ACCESS**
Door opening automatically disables tester output.
- CONTAINED TEST AREA**
Keeps high voltage and arcing inside the enclosure.
- IMPROVE RELIABILITY**
Repeatable, secure setup for consistent test results.
- ENHANCE PRODUCTIVITY**
Faster, safer testing for high-volume production.



Vitrek SE Series Safety Enclosures deliver the protection, flexibility and reliability you need for safe and efficient electrical safety testing.

VITREK



MADE IN USA

Vitrek.com

(815) 838-0005

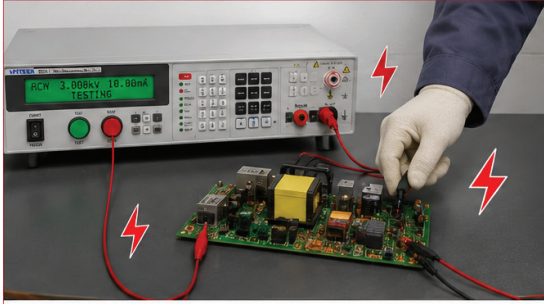
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BUILT FOR PERFORMANCE. BUILT FOR SAFETY.

WHY USE A SAFETY ENCLOSURE?

Protect operators. Prevent accidents. Ensure safe, reliable testing.

WITHOUT ENCLOSURE



- ⚠ Exposed DUT
- ⚠ High Voltage Present
- ⚠ Operator Risk

❌ **HIGH RISK OF SHOCK AND INJURY**



WITH SE SERIES SAFETY ENCLOSURE



- ✓ Interlocked Access
- ✓ Contained Test Area
- ✓ Automatic Tester Shutdown
- ✓ Safer Production Testing

✓ **PROTECT PEOPLE. ENSURE SAFETY. IMPROVE RELIABILITY.**



Vitrek SE Series Safety Enclosures automatically disable the tester output when the door is opened.

**SAFE ACCESS. CONFIDENT TESTING.
EVERY TIME.**

VITREK

Vitrek.com

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BUILT FOR PERFORMANCE. BUILT FOR SAFETY.

Which product is right for you?
Contact us today.

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