SCI
AN IKONIX BRAND

Cal Power
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Personal Protective Equipment

Safety Made Simple®

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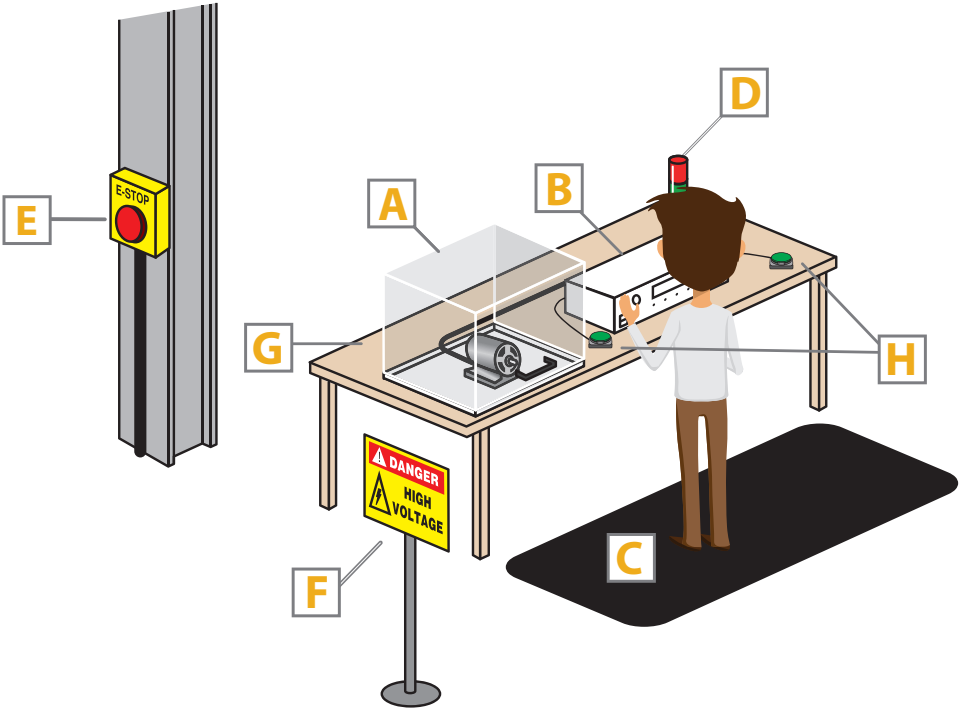
Why A Safe Workstation is Essential

One of the best ways to protect your people is to ensure that your test station is set up safely and securely. Your people are one of your best assets and we want to help keep them safe. As your trusted partner, we offer a complete line of Personal Protection Equipment (PPE). Our PPE accessories are designed to protect your operators and limit their exposure to dangerous high voltage.



Our Personal Protective Equipment improves workstation safety, warns unqualified operators of a dangerous testing area, and safeguards operators from electric shock. OSHA 1910 Subpart S requires by law that employers provide their employees with working conditions free of known hazards. We'll help you provide your employees with all

A

DUT Safety Enclosure

This is wired to the Hipot tester's Remote Safety Interlock. This protects you from touching the DUT while a test is in progress. If the enclosure door is opened, the tester's high voltage is immediately disabled.

B

Hipot Tester

Tester used to test the DUT.

C

High Voltage Insulation Mat

The electrical insulation mat is an ideal means for adding a level of operator safety. This mat is formulated to provide electrical insulation for the operator. Insulating matting isolates the operator from ground thereby preventing electrical shock. Proof Tested to 20,000 V.

D

Signal Tower Light

Gives an indication as to the status of the testing area. A green light indicates the Hipot tester is not outputting high voltage and the test area is safe. A red light indicates that the Hipot tester is active and to stay clear of the test area.

E

Emergency Stop

Located on the perimeter of the test area. In the event of an emergency, someone outside the test area can hit the E-Stop button to immediately cut off power to the entire test station.

F

Warning Sign

Mark the testing area with clearly posted signs that read: DANGER - HIGH VOLTAGE TEST AREA - Authorized Personnel Only

G

Non-Conductive Work Bench

Only use a work bench made of non-conductive material such as plastic or wood. This ensures no stray leakage current could flow through you during a test.

H

Dual Palm Remote Switches

Mark the testing area with clearly posted signs that read: DANGER - HIGH VOLTAGE TEST AREA - Authorized Personnel Only

PPE Accessories

We offer a variety of PPE accessories all designed to increase the safety of your workstation. Here is our complete offering.

DUT Enclosure

P/N 99-10599-01

WHY IS THIS SAFE?

This DUT Enclosure is designed with a safety interlock that will eliminate the potential for electrical shock when used correctly. The interlock will disable the high voltage if the enclosure door is open.

Compatible Models: All Testers

Insulation Mat

P/N 99-10691-01

WHY IS THIS SAFE?

The mat ISOLATES the operator from ground while testing, which greatly mitigates the shock hazard.

Compatible Models: All Testers

High Voltage Warning Sign

P/N 99-10690-01

WHY IS THIS SAFE?

This calls your attention to items or operations that could be dangerous to you and other people operating the equipment.

Compatible Models: All Testers

Remote Test Box (CE Listed)

P/N RTB-01

WHY IS THIS SAFE?

Allows for remote operation and maintains a safe distance between the operator and test instrument when starting and resetting a test.

Compatible Models: 29x, 26x

Remote Test Box (with LED Indicators)

P/N RTB-02

WHY IS THIS SAFE?

Allows for remote operation and maintains a safe distance between the operator and test instrument when starting and resetting a test.

Compatible Models: 6330, 4320, 4520, 29x, 26x

E-Stop

P/N ESTOP

WHY IS THIS SAFE?

This is the safest and fastest way for a rescuer to save an operator from injury by immediately stopping the flow of electric current from a safe distance.

Compatible Models: 264, 29x, 2205, 4320, 6330

Dual Palm Remote Switch

P/N DPR-01

WHY IS THIS SAFE?

This does NOT allow the operator to touch the DUT as their hands must remain on the test switches during the test.

Compatible Models: 29x

Red/Green Signal Tower Light

P/N 99-10706-01

WHY IS THIS SAFE?

Mounted lights warn operators in the nearby area to the status of a Hipot test and if the tester is outputting high voltage.

Compatible Models: 6330, 29x, 26x

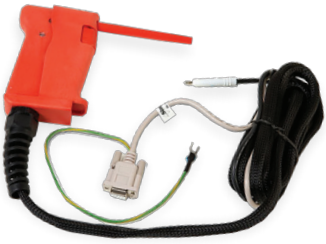
Dual Action Trigger Test Probe -10’

P/N 99-10473-01

WHY IS THIS SAFE?

In applications that require a test probe, the dual action trigger on the probe ensures that High Voltage is only applied when the test operator holds the probe securely to the DUT. It eliminates the potential for a second operator accidentally activating the test probe.

Compatible Models: 4520, 4320



Remote Trigger Foot Switch

P/N 99-10433-01

WHY IS THIS SAFE?

Allows for remote operation and maintains a safe distance between the operator and test instrument when starting and resetting a test.

Compatible Models: All Testers

High Current Probe with Lemo Connector-10′

P/N 99-10661-01

WHY IS THIS SAFE?

In applications that require a test probe, the test button on the probe ensures that High Current is only applied when the test operator holds the probe securely to the DUT. It eliminates the potential for a second operator accidentally activating the test probe.

Compatible Models: 6330, 4520, 4320, 264

OVERCOME YOUR ELECTRICAL SAFETY CHALLENGES!

Make your production line safe and effective.

Learn More About Applications Consulting

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