B89000

Elite Basic
Wrist Strap and Footwear Tester

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Features Overview

Testing Dynamics
The ELITE ESD tester can test both single and dual wire wrist straps, along with footwear and both right and left foot heel grounders are tested individually.

Click here to learn more about the ESD testing process

Programmable Key Pad
Is used to make adjustments to the testing parameters for both wrist strap and footwear.

Solid State Test Surface
The ELITE test button is not like any other tester on the market, in fact it's not a button at all. Its solid-state design has no moving parts or mechanical devises. This means you wont have to worry about button switches breaking or deteriorating over time. You simply place your finger on the surface and in virtually real time, your test results display.

Display
The ELITE comes standard with a 128×64 large digital LCD screen. It displays actual test resistance for the wrist strap and both right and left feet, individually. It also displays employee name and ID as well as time, temperature, relative humidity and current online/offline status.

LED Pass/Fail Indicators
Built in multi colored LED's display 4 colors according to test results. The Icons are vivid and bright. Its pretty simple, Green - pass, Red - fail, Yellow - about to fail (meaning its time to change your equipment out) and lastly, Blue - idle state.

Parts List

B89000 includes the following components:

1ea – Basic Elite Tester

1ea – Wall mount "ESD Test Station" Back plate

1ea – Power Supply

1ea – Dual Plate footplate

1ea – 6' Ground cord (Ring terminal to banana jack)

1ea – 6' Ethernet cord

Installation

1. Mount the tester at the desired location using the four mounting holes in the corners of the yellow "ESD Test Station" back plate.

2. Set the dual footplate below the tester.

3. Insert one end of the RJ45 cable into the RJ45 jack located at the bottom of the unit. (see figure below)

RJ45   PLC Output   Power

4. Insert other end of Ethernet cable to the Ethernet jack located on the back of the footplate.

5. Insert the banana plug end of the banana plug to ring terminal ground cord into the banana jack located on the back of the footplate.

Installation Cont...

6. Insert the power supply into the power jack located on the bottom of the tester. (see figure below) Then Plug the power supply into an appropriate power outlet.

RJ45   PLC Output   Power

B89000 Wiring Diagram

RJ45   PLC Output   Power

(Power Source)

(Proper Ground Source)

General Instructions

Once the unit is plugged in it will automatically turn on and will be ready for use. This unit comes preprogrammed with the following range settings for testing both wrist strap and footwear.

```
1. Wrist Strap test only
2. Footwear test only

      Push Hold TEST

Defualt test
Wrist or Footwear
*Back          # Forward
```

To reprogram the default settings unplug the unit, **while holding the # key power the unit back up and hold for 6 seconds to initiate program mode**. Use the * Key and # key to cycle you back and forth to edit the settings.

```
1. Wrist Strap test only
2. Footwear test only
3. Wrist and Footwear
4. Wist or Footwear

Defualt test
Wrist or Footwear
*Back          # Forward
```

You can view the test resistance settings at anytime by **pushing and holding the # key on the keypad** (while the unit is on), once you let go of the # key the tester is ready to test again. Remember you can view the current settings programmed but not edit.

Specifications

Rated Tester Voltage:

Input: 100-240V AC

Frequency: 50Hz-60Hz

Output: 12V DC at 1.25a

Relay Contact Rating: 1a at 30 VDC Max

Dimensions:

Length: 9.2 inches (23.4 cm)

Width: 5.25 inches (13.3 cm)

Height: 1.7 inches (4.3 cm)

Weight: 1 pound (.45 kg)

Display:

Built-in 3 inch (2.875 inch viewable) LCD-backlit

Resolution: 128 by 64 pixels

Warranty

Limited Warranty
Botron expressly warrants that for a period of one (1) year from the date of purchase, Botron Elite Testers will be free of defects in material (parts) and workmanship (labor). Within the warranty period, the product will be tested, repaired, or replaced at Botron's option, free of charge. Call our Customer Service Department at 888-257-3680 (Phoenix, AZ) for a Return Material Authorization (RMA) and proper shipping instructions and address. Include a copy of your original packing slip, invoice, or other proof of purchase date. Any unit under warranty should be shipped prepaid to the Botron factory. Warranty repairs will take approximately two weeks. If your unit is out of warranty, call Customer Service at 888-257-3680 (Phoenix, AZ) for a Return Material Authorization (RMA) proper shipping instructions and address. Botron will quote repair charges necessary to bring your unit up to factory standards.

Warranty Exclusions
THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of Liability
In no event will Botron or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.