

## Alarm Threshold Programmer Operation and Maintenance



Made in the  
United States of America

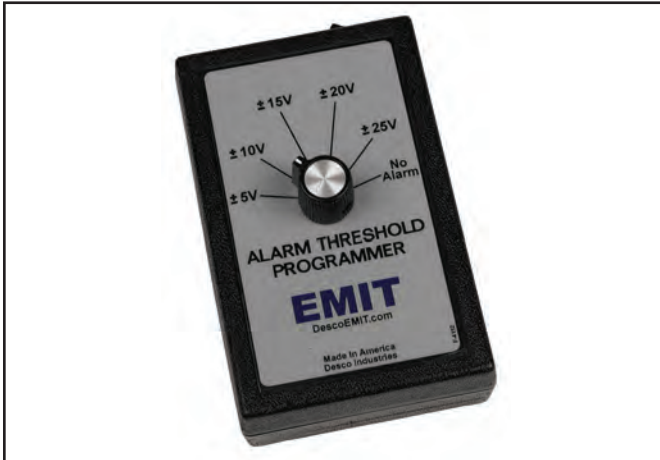


Figure 1. EMIT 50667 Alarm Threshold Programmer

### Description

The EMIT 50667 Alarm Threshold Programmer allows the user to program the alarm sensitivity of the EMIT 50663, 50670, and 50690 Zero Volt Bench Top Ionizers. The Zero Volt Bench Top Ionizer's default alarm sensitivity is set to  $\pm 20$  Volts offset voltage (balance). With the use of the Alarm Threshold Programmer, the user can program the Zero Volt Bench Top Ionizer to alarm sensitivities of  $\pm 5$  Volts,  $\pm 10$  Volts,  $\pm 15$  Volts,  $\pm 20$  Volts, or  $\pm 25$  Volts offset voltage (balance). It is important to note that these values are strictly for reference only, i.e. high sensitivity to low sensitivity. The alarm may also be deactivated with the use of the Programmer.

### Packaging

- 1 Alarm Threshold Programmer
- 1 Data Cable
- 1 9 Volt Battery
- 1 Certificate of Calibration

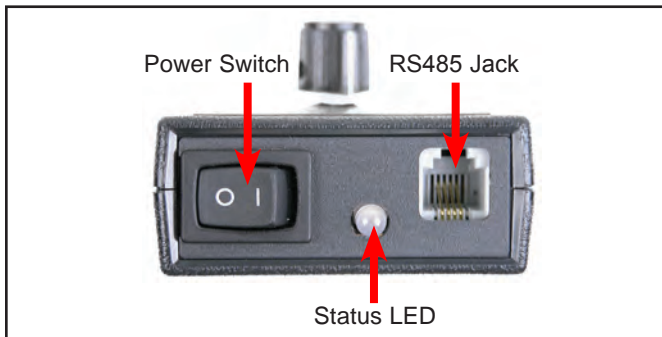


Figure 2. Alarm Threshold Programmer Top View

### Operation

- I. Turn on the the Zero Volt Bench Top Ionizer and set the fan speed to HIGH and the balance voltage to 0V.
- II. Connect one end of the included data cable to the RS485 jack located at the top of the Programmer and the other end to the jack labeled "RS485 In" at the back of the ionizer.
- III. Select the desired alarm sensitivity using the selector knob on the Programmer.
- IV. Turn on the Programmer.
- V. The status LED on the Programmer will first illuminate red. As the Programmer communicates with the ionizer, the LED will then blink red. Once programming is completed, the LED will illuminate green.
- VI. Disconnect the data cable from the Zero Volt Bench Top Ionizer and turn off the Alarm Threshold Programmer.

### Specifications

Power:

Internal 9 Volt battery

Size:

2.4" x 3.8" x 1.0" (6.1 cm x 9.7 cm x 2.5 cm)

Weight (with battery):

0.3 lbs (0.13 kg)

### Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See EMIT's Warranty -

<http://emit.descoindustries.com/Warranty.aspx>