



Alarm Threshold Programmer Operation and Maintenance



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 ± 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 ± 5 Volts, ± 10 Volts, ± 15 Volts, ± 20 Volts, or ± 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

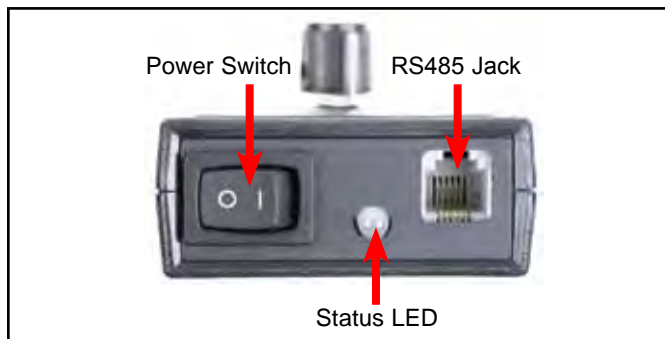


Figure 2. Alarm Threshold Programmer Top View

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

EMIT expressly warrants that for a period of five (5) years from the date of purchase EMIT Alarm Threshold Programmers will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a credit for purchase of replacement EMIT Alarm Threshold Programmers, or, at EMIT's option, the Alarm Threshold Programmer will be repaired or replaced free of charge. If product credit is issued, the amount will be calculated by multiplying the unused portion of the expected five year life times the original unit purchase price. Call our Customer Service Department at 909-664-9980 (Chino, CA) for a Return Material Authorization (RMA) and proper shipping instructions and address. Please include a copy of your original packing slip, invoice, or other proof of date of purchase. Any unit under warranty should be shipped prepaid to the EMIT factory. Warranty replacements will take approximately two weeks.

If your unit is out of warranty, call our Customer Service Department at 909-664-9980 (Chino, CA) for a Return Material Authorization (RMA) and proper shipping instructions and address. EMIT 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 EMIT 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.