



Alarm Threshold Programmer Operation and Maintenance



Figure 1. Desco [60508](#) Alarm Threshold Programmer

Description

The Desco [60508](#) Alarm Threshold Programmer allows the user to program the alarm sensitivity of the Desco [60505](#) High Output Benchtop Ionizer. The High Output Benchtop 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 High Output Benchtop 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

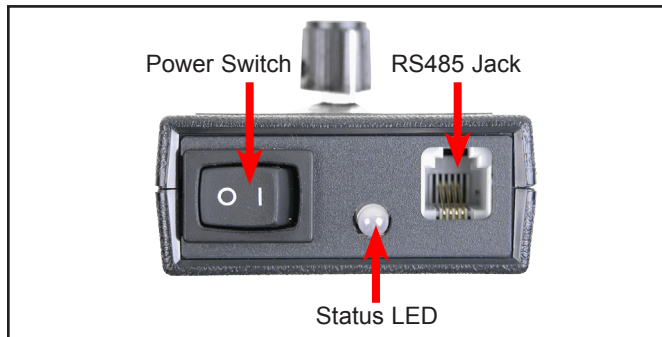


Figure 2. Alarm Threshold Programmer Top View

Operation

- I. Turn on the the High Output Benchtop 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 High Output Benchtop 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

Desco expressly warrants that for a period of one (1) year from the date of purchase, Desco Alarm Threshold Programmers will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a unit will be tested, repaired or replaced at Desco's option, free of charge. Call Customer Service at 909-627-8178 (Walnut, CA) or (781) 821-8370 (Canton, MA) for a Return Material Authorization (RMA), and proper shipping instructions and address. You should include a copy of your original packing slip, invoice, or other proof of purchase. Any unit under warranty should be shipped prepaid to the Desco factory. Warranty replacements will take approximately two weeks.

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 Desco 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.