

Alarm Threshold Programmer Operation and Maintenance

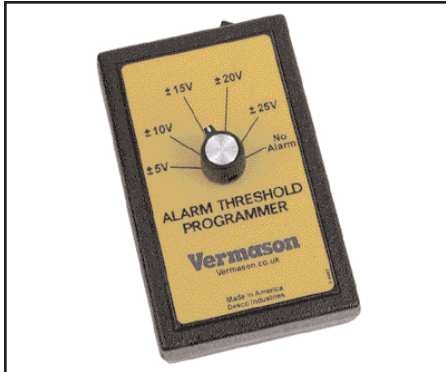


Figure 1. Vermason 200230 Alarm Threshold Programmer

Description

The Vermason 200230 Alarm Threshold Programmer allows the user to program the alarm sensitivity of the Vermason 200200 Zero Volt Bench Top Ioniser. The Zero Volt Bench Top Ioniser's default alarm sensitivity is set to ± 20 Volts. With the use of the Alarm Threshold Programmer, the user can program the Zero Volt Bench Top Ioniser to alarm sensitivities of ± 5 Volts, ± 10 Volts, ± 15 Volts, ± 20 Volts, or ± 25 Volts. 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

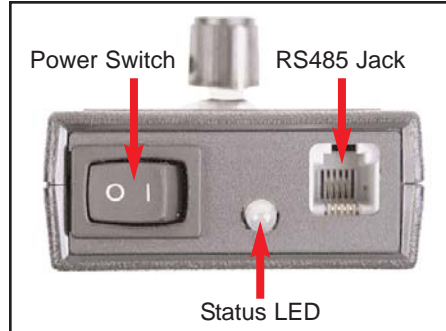


Figure 2. Alarm Threshold Programmer Top View

Operation

- I. Turn on the the Zero Volt Bench Top Ioniser 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 ioniser.
- 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 ioniser, 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 Ioniser and turn off the Alarm Threshold Programmer.

Specifications

Power:
Internal 9 Volt battery

Size:
6.1 cm x 9.7 cm x 2.5 cm

Weight:
0.13 kg (with battery)

Limited Warranty

Vermason expressly warrants that for a period of one (1) year from the date of purchase, Vermason Alarm Threshold Programmers will be free of defects in material (parts) and workmanship (labour). Within the warranty period, a unit will be tested, repaired or replaced at Vermason's option, free of charge. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and for proper shipping instructions and address. Any unit under warranty should be shipped prepaid to the Vermason factory. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Warranty repairs will take approximately two weeks.

If your unit is out of warranty, Vermason will quote repair charges necessary to bring your unit to factory standards. Call Customer Service at 0044 (0) 1462 672005 for a Return Material Authorisation (RMA) and proper shipping instructions and address.

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 Vermason 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.