ENVIRONICS TECHNICAL BULLETIN #118

S6000 RE-INITIALIZATION PROCEDURE

For software rev 6103-1.38-01 and later.

NOTE: If the system is locked up and no keys respond when pressed then you will need to power down the unit, remove the system cover and then remove the RAM chip (location U8) from the PC401 board for at least 10 seconds. This is the small PC board that is attached to larger PC412 board along the right side of unit. (Reference 6103 Service manual – List of Illustrations - "Internal layout Illustration")
Please note the position/orientation of the chip before removing it.

1. Press MENU key until PREFS shows on the screen.
2. Press PREFS
3. **Select SET TIME/DATE**
     ▪ Press ENTER
     ▪ Arrow left and right to select what to change and arrow up and down to change the data.
     ▪ Press EXIT twice when done to return to the main screen.
4. **Press 9 F1 F2 F3   MENU (service menu)**
5. **Select INITIALIZE**
     ▪ Press ENTER
     ▪ Select FIRSTTIME INIT
     ▪ Press ENTER key (system initializes)
     ▪ Press EXIT
6. **Select CONFIGURE SYSTEM**
     ▪ Press ENTER
     ▪ Enter the Serial number of the unit
     ▪ Enter the number of MFCs and Ports
     ▪ Press EXIT
7. **Select SET MFC SIZES**
     ▪ Press ENTER
     ▪ Use arrow keys to select MFC and enter the correct MFC size followed by ENTER
     ▪ Press EXIT
8. If this is a private label system, **select SET PRODUCT NAME**
     ▪ Press ENTER
     ▪ Use arrow keys to put the cursor on the desired Product Name, then press SELECT
     ▪ Press EXIT
9. Press EXIT to return to the main menu
10. Press MENU until the SYSTEM key is displayed
11. Press SYSTEM.
12. **Select CALIBRATE MFC (must be done for each MFC in the system)**
     ▪ Press ENTER
     ▪ Press MFC number 1 followed by ENTER

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- Enter the MFC Calibration data supplied with the system in the TRUE column.
- Press EXIT
- Press SAVE
- Press ENTER
- Select MFC 2
- Press ENTER
- Again, enter the MFC calibration data supplied with the system in the TRUE column.
- Press EXIT
- Press SAVE
- Select MFC 3 (if applicable)
- Press ENTER
- Again, enter the MFC calibration data supplied with the system in the TRUE column.
- Press EXIT
- Press SAVE

13. **Select CALIBRATE ADC (For Units with Ozone Only)**

   For Series 6103
   - Press ENTER
   - Press 4
   - ENTER
   - Use arrow keys to select column or row and enter data supplied with the system
   - EXIT
   - SAVE
   - Repeat ADC selection for ADC 5,6,7,11,13, and 15

   For Series 6100
   - Press ENTER
   - Press 11
   - ENTER
   - Use arrow keys to select column or row and enter data supplied with the system
   - EXIT
   - SAVE
   - Repeat ADC selection for ADC 13, and 15

14. **Select CALIBRATE OZONE (For Units with Ozone only)**
   - Press ENTER
   - Enter in information as shown on the OZONE CALIBRATION SHEET supplied with the system for TOTAL FLOW, OZONE FLOW, MAX O3 PPM and CAL PRESS.
   - Enter the SET and TRUE Values from lowest values in line 1 to highest
   - Set all the remaining values to 0.0000
   - Press EXIT
   - Press SAVE

15. **Select CALIBRATE PHOTO (Series 6103 only)**
    - Press ENTER
    - Enter the supplied data as follows:
    - OFFSET =
    - GAIN =
    - INTEG TIME =
    - Press ACCEPT
    - Press EXIT