Reynolds Equipment Co. (323 INFO) 10-3-2001

PROCEDURE FOR CHANGING MAIN PCB

(If old pcb is dead or cannot communicate)

Note: The original "Config" file is needed before going to the field. An "Install" disk is sent with each "lot" of units and has this file on it. Locate this disk or call Reynolds to get this file emailed to you.

1. Change main pcb. (Make sure the connectors are plugged in properly)
2. Connect com cable to unit.
3. Using the "Windows" LVChost software version 4.11, "Restore" the config file from the original pcb. Select: "Configure"/ "Auto Configure"/ "Restore Instrument".
   Note: if pcb serial number is required: Enter S/N from serial tag of unit.
4. Select the file to restore.
5. Click the "Open" button.
6. A "Restore Instrument" window will appear. Select "All of the above".
7. Click the "OK" button.
8. At the "Confirming" window click the "OK" button.
9. The unit is now calibrated and configured the same as the original pcb.
10. Reset the profiler. "Configure"/ "Reset Profiler". At the "Warning" window, select the "Yes" button.
11. Enter the proper "Uncorrected" and "Corrected" volume reading. Go to "Config 1", enter the "Uncorrected' and "Corrected" volume and choose "OK". (If unknown, continue to next step)
12. If the "Corrected" reading is unknown, take the mechanical "Uncorrected" index reading and multiply by the "Correction Factor" (Located on Display 1 at the bottom right of the screen).
13. Verify that the pressure and gas temp readings are proper. (The IOR file can be read to get the last reads to compare)
14. If pressure and/or gas temp is off, re-calibration may be needed. If press or temp is way off, contact the factory for assistance. Do not attempt to calibrate a problem sensor.
15. , save the config file from the original pcb. Select: "Configure"/ "Auto Configure"/ "Backup Instrument".
16. Click the "Save" button to save the file to the laptop.