

## **NOTES ON VERSION 1.0**

Version 1.0 is the first customer release of software.

### **VERSION 1.05**

Version 1.05 started shipping in mid July, it contained PFPD parameters.

### **VERSION 1.06**

Version 1.06 became available 2-Sep-97. This is a phased in release and is being installed in 3800s with TCD's until Version 1.05 is used up (about 5 weeks). Version 1.06 fixes a number of things: improvements to TCD operation: a Multi PFPD hardware conflict: and changes to FPGA code.

### **VERSION 1.1.4**

Version 1.1.4 became available 14-Nov-97. This is the local automation build, used to control the 8200 or valved methods from the 3800 keypad. This version was also phased in. This build fixed 3 bugs: With column oven off, the GC will go not ready, When using WS-ADC cable, 03-925672-01, the not ready LED is out at start of run, The column oven will ramp when the rate is <1 degree/minute.

### **VERSION 1.2.5**

Version 1.2.5 became available 19-Jan-98. The new features in this build are SPT, changes to Status screens to accommodate methanizers and valve ovens, an end stabilization softkey, and a change to the column oven algorithm. This build contains a fix for the "busy network" problem, changes to the TCD bridge balance, and now reads cables connected to Analog output on Method Activation.

### **VERSION 2.0.5**

Version 2.0.5 became available 26-June-98. This added Detector EFC and local languages to the 3800 firmware. This release was phased in the first week of July. Other changes include; temperature setpoint and actual are displayed on the Status pages, a screen is added to display the ready / not ready state of a device connected to the analog out port, automatic gas saver feature for type 1 & 5 has been removed, split vent flow rate no longer drops to minimum flow when a pressure ramp (constant flow ) is started, TSD power defaults to off, and a downloaded method is now written to method 8 and then activated.

### **VERSION 2.1.5**

Version 2.1.5 became available 11-Jan-99. The major changes are: Constant flow mode for type 1 & 5 EFC, 8200 user defined mode, 8200 Twin towers control, FID flameout disable, Saturn 2000R and others.

### **VERSION 3.0.5**

Version 3.0.5 became available 26-Mar-99. The major changes were adding micro TCD and method lock.

### **VERSION 3.1.1D**

Version 3.1.1 became available 9-Aug-99. This release contained a fix for Check Sum Error on DEFCs. Updates to EFC total flow are now immediate. 8200 Solvent Plug size is now settable.