

INSTALLATION INSTRUCTIONS
INTERFACE PART NUMBER 14-3784-000
ALS 2050 TO TEKMAR 2000

This interface is designed to allow automatic operation of the ALS 2050 when installed to an LSC 2000. The operating handshake between the two units is as follows:

- 1) The ALS 2050 receives a 4 second Purge Ready contact closure from the LSC 2000.
- 2) The ALS 2050 transmits a 2 second five volt to ground signal for permission to step to Purge.
- 3) The ALS 2050 receives a 4 second beginning of Desorb contact closure to step to Desorb.
- 4) The ALS 2050 transmits a 2 second G.C. start contact closure at the beginning or end of Desorb, user programmable.

CONNECTION TO THE ALS 2050

One end of the cable terminates in a nine pin "D" type connector. Connect this to the nine pin "D" type receptacle on the rear panel of the ALS 2050 labeled CONCENTRATOR I/O.

CONNECTION TO THE LSC 2000

The other end of the cable has a dual twenty-five pin "D" type connector. Connect this plug end to the twenty-five pin receptacle on the I/O Board at the upper rear panel of the LSC 2000 labeled GC I/O PORT (refer to the "LSC 2000 I/O Board" diagram in Section 8 of the User Manual).

SWITCH SETTINGS ON THE LSC 2000 I/O BOARD

The dip switch settings on the LSC 2000 I/O card should be set as follows:

U012	U013
6.....CLOSED	6.....OPEN
4.....CLOSED	2.....OPEN
3.....OPEN	

For all other switch settings please refer to the G.C. Interface Installation Instructions.

!!! WARNING !!!

Make sure that the LSC 2000 AUTO DRAIN FUNCTION IS TURNED ON prior to running the ALS 2050. Failure to do so could damage the concentrator! The Auto Drain function is programmed into each of the four Methods of the LSC 2000. For instructions on activating the Auto Drain function, please refer to Sections 4.5.1 and 4.5.4 of the LSC 2000 User Manual.