

**INSTALLATION INSTRUCTIONS**  
INTERFACE KIT PART NUMBER 14-1680-000  
LSC 2 to the Shimadzu GC 9A

***Connection to the LSC 2/Schimadzu GC/Data System***

This interface is designed to allow the LSC 2 to operate automatically with a Shimadzu GC 9A. It enables the GC READY signal to give the LSC 2 permission to advance from DESORB READY to DESORB PREHEAT. It also enables the LSC 2 to start the GC temperature program upon sample injection.

- 1) Connect the spade lug connectors of the cable (p/n 14-2222-000) to the I/O screw terminal strip on the rear of the LSC-2 as follows:
  - Green wire to screw terminal 4
  - White wire to screw terminal 5
  - Black wire to screw terminal 6
  - Red wire to screw terminal 7

Connect the other end of this cable (the 6-pin connector) to the I/O Box position labeled "Tekmar concentrator".

- 2) Connect the spade lug connectors of the cable (p/n 14-2223-000) to the I/O terminal strip on the rear panel of the GC as follows:
  - Green wire to screw terminal 36
  - White wire to screw terminal 37
  - Black wire to screw terminal 23
  - Red wire to screw terminal 24

Connect the other end of the this cable (the 6-pin connector) to the I/O Box position labeled "Schimadzu GC".

- 3) Connect the bare wires of the data system cable (if required) to your data system. Connect the two spade lug connectors on the opposite end of the cable to the T2 terminal strip on the rear of the LSC 2 (above the I/O terminal strip).