

Installation Instructions

Interface Kit Part Number 14-1697-000

Interfacing One or Two 5000s/5010s to a Varian Vista Series GC with a 401 or 402 Data System

This interface kit allows one or two Tekmar units to operate automatically with your Varian Vista instruments. It allows the GC to send a READY signal to the Tekmar unit(s), causing the unit(s) to advance to COOL 2 after the completion of DESORB. It also enables the Tekmar unit(s) to start the GC.

Your interface kit includes:

Description	Tekmar P/N	Quantity
Input/output (I/O) box with ribbon cable for GC connection	14-0895-000	1
Interface cable, 5000/5010 to the I/O box	14-1697-086	2

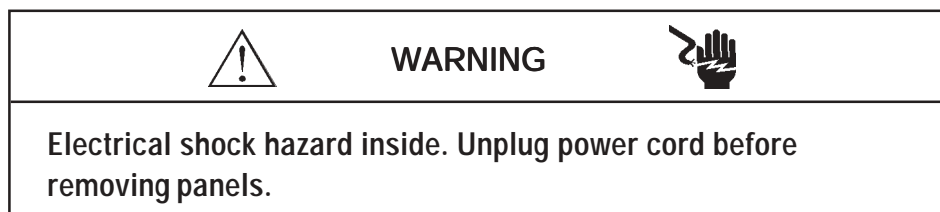
Connection to the Tekmar Unit

1. Turn off the Tekmar unit(s).
2. Locate the 15-pin connector(s) labeled "GC Interface" on the rear of the Tekmar unit(s).
3. Plug the Tekmar cable(s) into the connector(s).

Connection to the Varian Vista I/O Box

1. Plug the Tekmar cable(s) into positions A and/or B on the I/O box.

Connection to the GC



1. Open the upper electronics cover on the GC.
2. Remove the high voltage cover on the right side of the upper electronics bay.
3. Locate the probe amplifier circuit board on the extreme left side of the bay.
4. Locate the connector J83 on the bottom right rear edge of the probe amplifier board.
5. There is a grey ribbon cable with a red plug at its end attached to the J83 connector. Disconnect this cable.

One or Two 5000s/5010s to a Varian Vista Series GC
with a 401 or 402 Data System (continued)

Connection to the GC (continued)

6. Remove the probe amplifier board from its socket. You do not need to remove any of the other cables that are attached to the board.
7. Connect the ribbon cable from the I/O box to the J83 connector, making sure that the notched edge of the ribbon cable connector matches the notched edge of the J83 connector.
8. Plug the cable that was originally attached to the J83 connector into the back of the new connector so that the red stripe is on top.
9. Reinstall the probe amplifier board.
10. Reinstall the high voltage cover.
11. Close the upper electronics cover.



7143 East Kemper Road, Cincinnati, Ohio 45242-9576
(800) 543-4461 • Outside the U.S. (513) 247-7000 • Service (800) 874-2004
Telefax (513) 247-7050

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