Tekmar

To eight-position
terminal strip
on LSC-2

orange or brown

To Aquatek 50

black

To T-2
connector

blue

14-3783-000

Note: See important warning and cautions on the next page.

To socket
on LSC-2

REED 1
BEGIN OR END DESORB

PERMISSION STEPS

REED 2
END CYCLE

DESORB

PURGE

1 2 3 4 5 6 7 8

The Eight-Position Terminal Strip on the Rear of the LSC-2

PIN OUTS

LSC-2: SOCKET				AQUATEK 50		
3	GRN	GROUND		5	GRN	GROUND
2	WHT	READY TO PURGE OUTPUT		5	WHT	GROUND
1	RED	READY TO PURGE OUTPUT		1	RED	ADVANCE TO PREPURGE INPUT

LSC-2: TERMINAL STRIP				AQUATEK 50		
8	ORG/BRN	ADVANCE TO PURGE INPUT		7	ORG/BRN	PURGE PERMISSION OUTPUT

LSC-2: T-2 CONNECTOR				AQUATEK 50		
1	BLK	BEGIN DESORB OUTPUT		6	BLK	ADVANCE TO DESORB INPUT
2	BLU	BEGIN DESORB OUTPUT		5	BLU	GROUND

INTERFACE CABLE FROM LSC-2 TO AQUATEK 50
TEKMAR PART NUMBER 14-3783-000

Installation Instructions

Interface Part Number 14-3783-000
Interfacing a Tekmar™ LSC-2 to an Aquatek 50

This interface allows automatic operation of the Aquatek 50 with the LSC-2. The two units "communicate" with each other in the following manner:

1. The LSC-2 sends a Purge Ready signal to the Aquatek 50, causing it to step to Prepurge.
2. The Aquatek 50 sends a signal to the LSC-2, causing it to step to Purge.
3. The LSC-2 sends a begin Desorb signal to the Aquatek 50, causing it to step to Desorb.

⚠ WARNING
Electrical shock hazard inside. Unplug power cord before removing panels.

⚠ CAUTION
Make sure that the LSC-2 auto drain function is turned on before running the Aquatek 50. Failure to do so could damage the equipment! The auto drain switch is located on the back of the LSC-2 in the lower right-hand corner (rear view).

⚠ CAUTION
Circuit board components can be damaged by static discharge. Avoid touching the components unless otherwise noted.

Connection to the Aquatek 50
1. Plug the nine-pin connector into the receptacle labeled "concentrator I/O" on the rear of the Aquatek 50.

Connection to the LSC-2
1. Locate the eight-position terminal strip on the rear of the LSC-2.
2. Attach the orange or brown wire to position eight on the eight-position terminal strip.
3. Remove the back panel on the LSC-2.
4. Locate the two-position terminal strip. On newer units, it is labeled "T-2". It sits on a horizontal plane directly above the terminal strip where you just attached a wire. See Figure 9 in the back of your manual.
5. Connect the two wires to the two-position terminal strip. It does not matter to which screw each wire attaches.
6. Replace the back panel.
7. Locate the socket labeled "computer interface" on the rear of the LSC-2. It lies just below the eight-position terminal strip.
8. Insert the eight-pin connector into the socket, matching pin number one on the connector to pin number one on the socket. Pin orientation is correct if all three of the connector wires are on the left side of the socket (looking at the rear of the LSC-2).