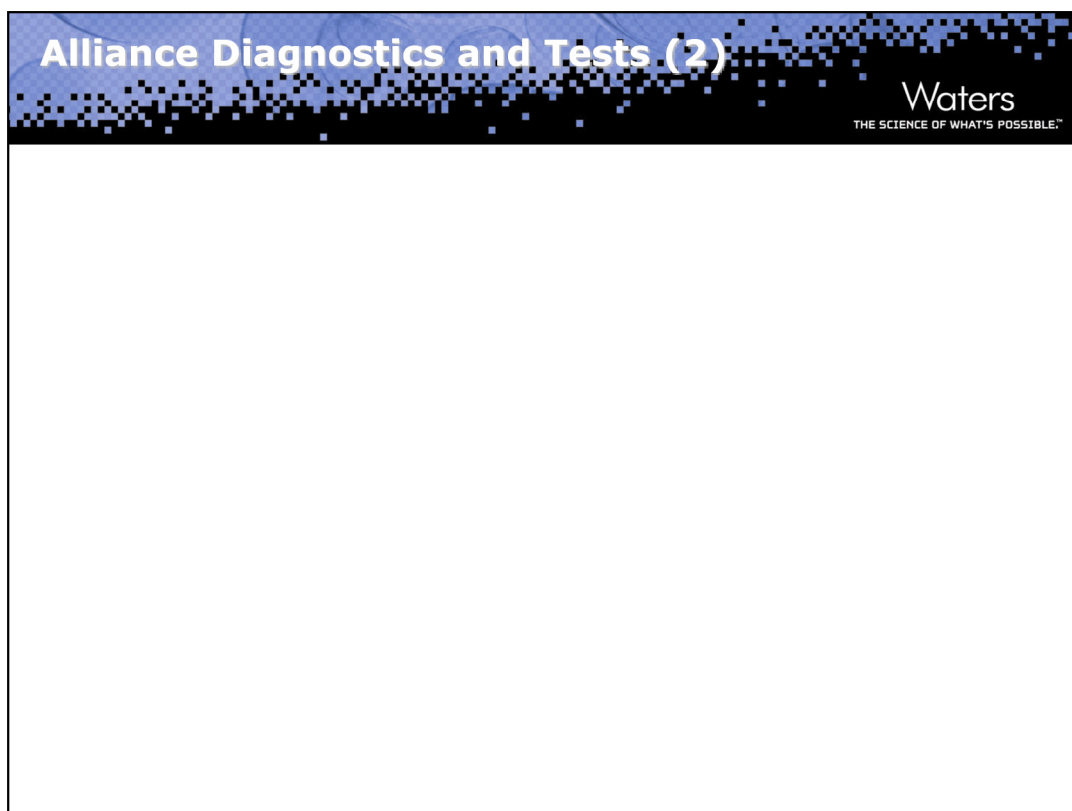
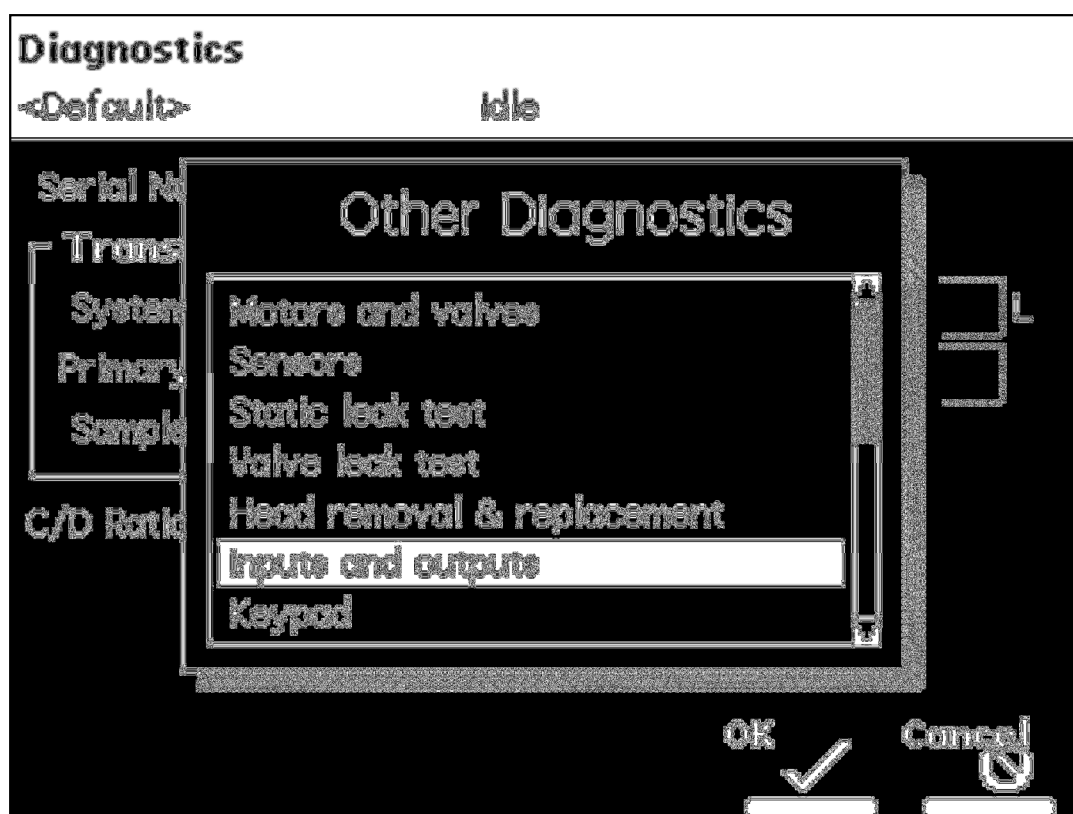




Alliance Diagnostics, Tests 2

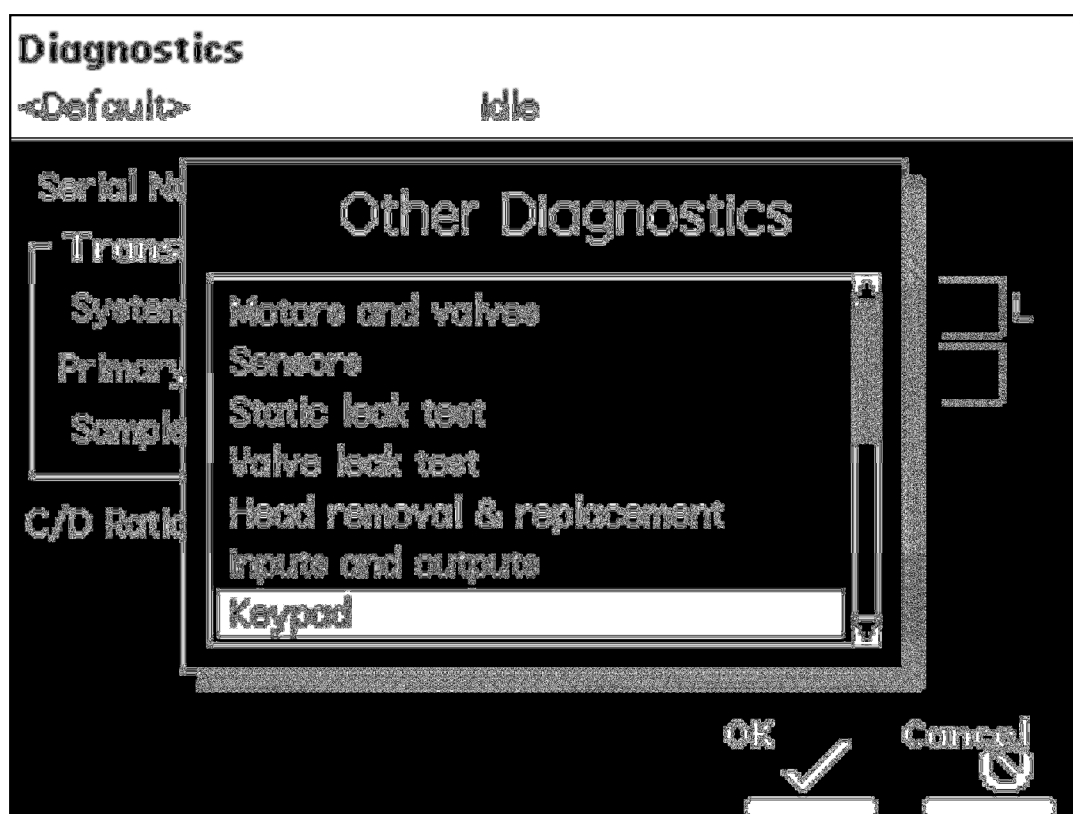
- Inputs and outputs
- Keypad
- Display
- Carousel
- Sample heater / cooler
- Defrost sample cooler
- Column Heater



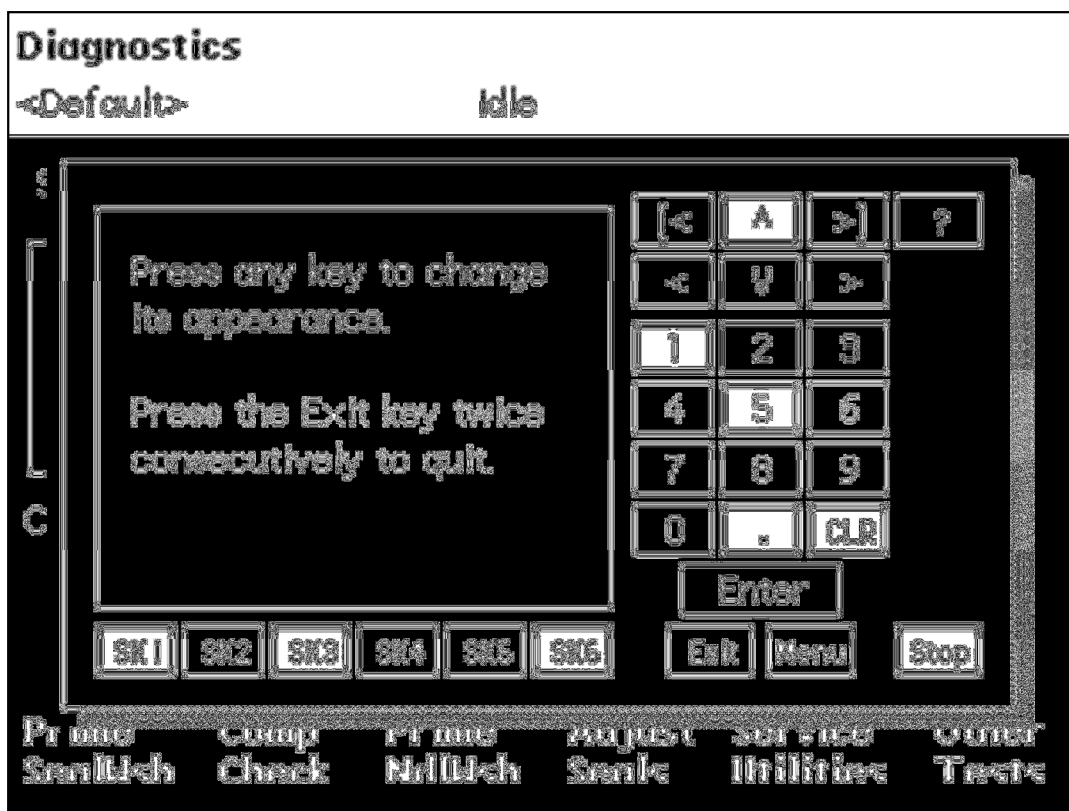
- From the Main Page, select Diag, select Other Tests,
- Scroll to Inputs and outputs, the inputs and outputs diagnostics screen is displayed.

I/O Diagnostics			
<Default>		Diag.Start Diagnostic	
	B	A	
Inject Start		1	 Switch 1
Inject Start		2	 Switch 1
Ground		3	 Ground
Stop Flow +		4	 Switch 2
Stop Flow -		5	 Switch 2
Hold Inject 1 +		6	 Switch 3
Hold Inject 1 -		7	 Switch 3
Hold Inject 2 +		8	 Switch 4
Hold Inject 2 -		9	 Switch 4
Ground		10	 Ground
Chart Out +		11	 Run Stopped
Chart Out -		12	 Run Stopped

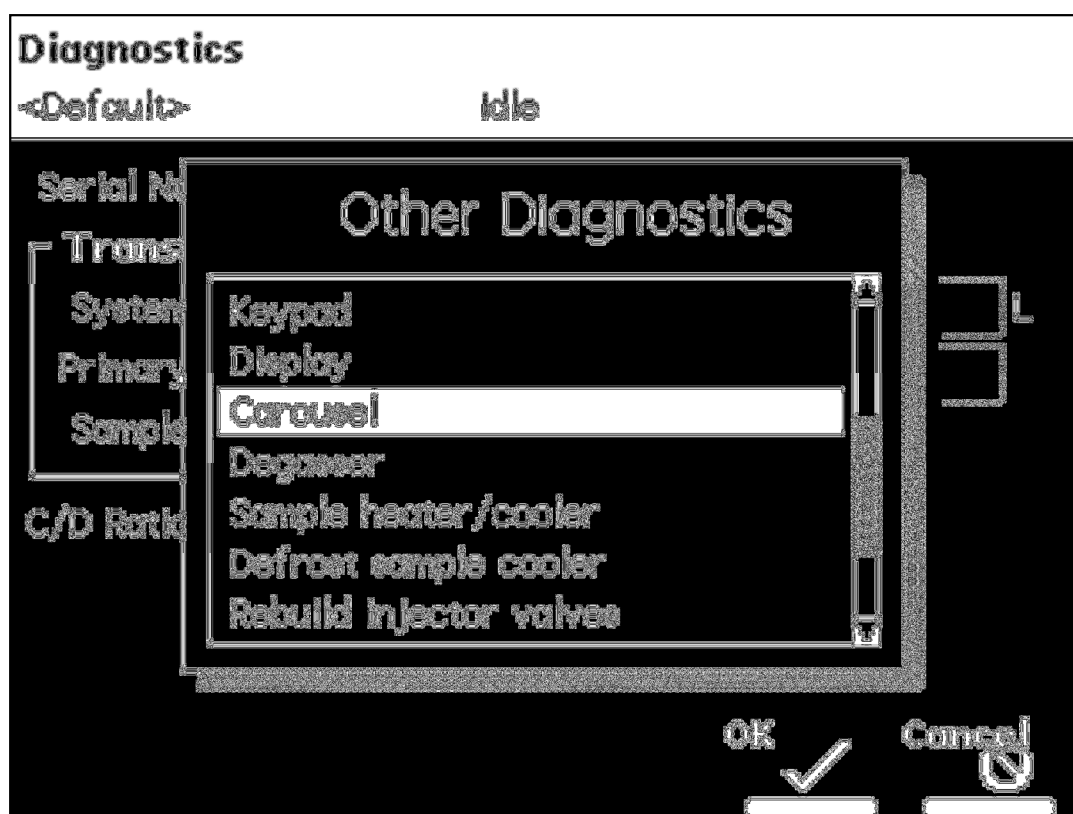
- The Inputs and Output diagnostic allows you to view the status of input and output connections.
- See Diagnostics section in the Operator's Guide.



- From the Main Page, select Diag, select Other Tests,
- Scroll to Keypad, the keypad diagnostic screen is displayed.



- The Keypad diagnostic allows you to test the keys on the front panel of the Separations Module. The corresponding key in the diagnostic changes appearance when the front panel key is pressed.
- See Diagnostics section in the Operator's Guide.



- From the Main Page, select Diag, select Other Tests,
- Scroll to Carousel, the Carousel test screen is displayed.
- The Carousel test allows you to test the:
 - Vial sensor
 - Carousel ID sensor
 - Carousel drive
 - Bar code reader, if installed
- Use this test if you experience problems with the carousel carrier system.
- See Diagnostics section in the Operator's Guide.

Diagnostics
<Default> Idle

Serial Number: F97SM4290M

Transducer: 1 16-01-2010

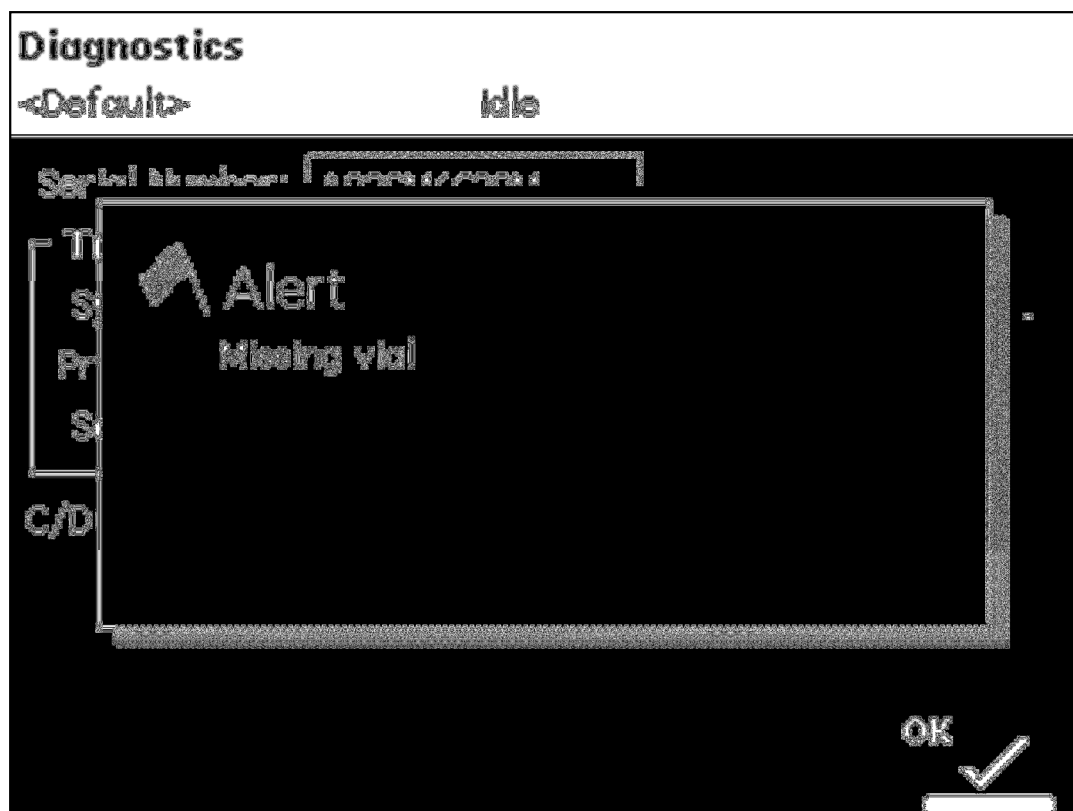
System: []
Primary: []
Sample: []
C/D Ratio: []

Carousel Test
Current vial: 1
New vial: 25

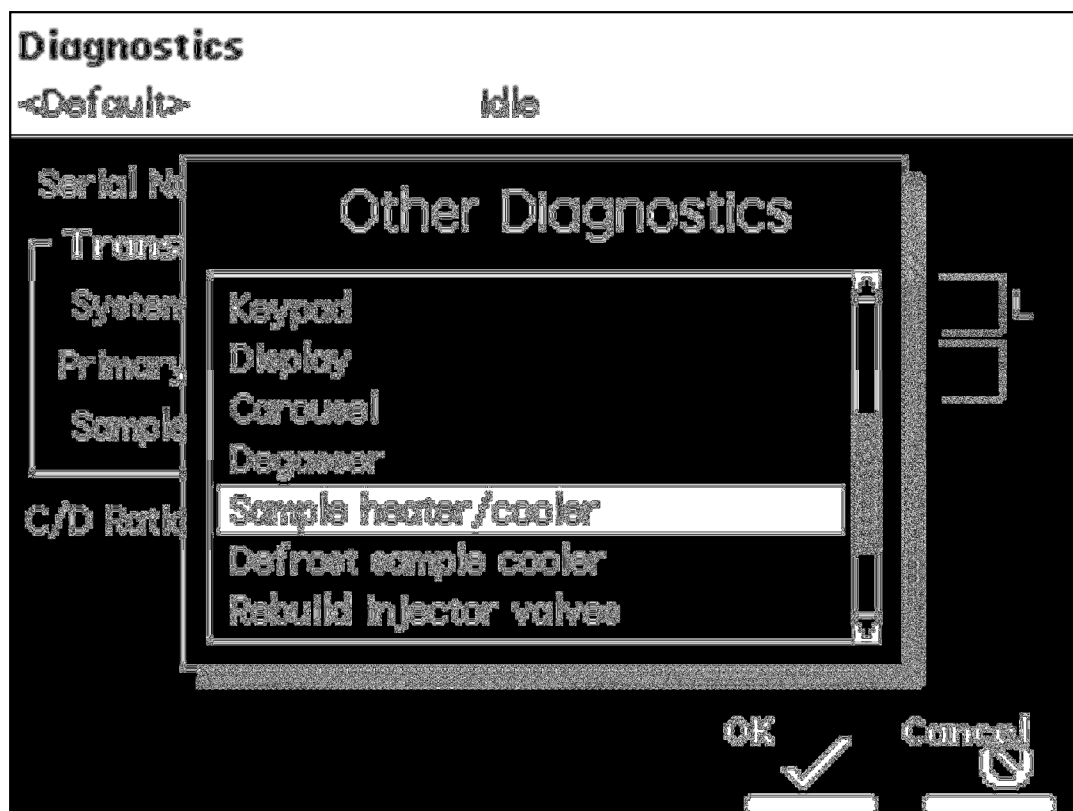
7 L
6

Go to Vial Close

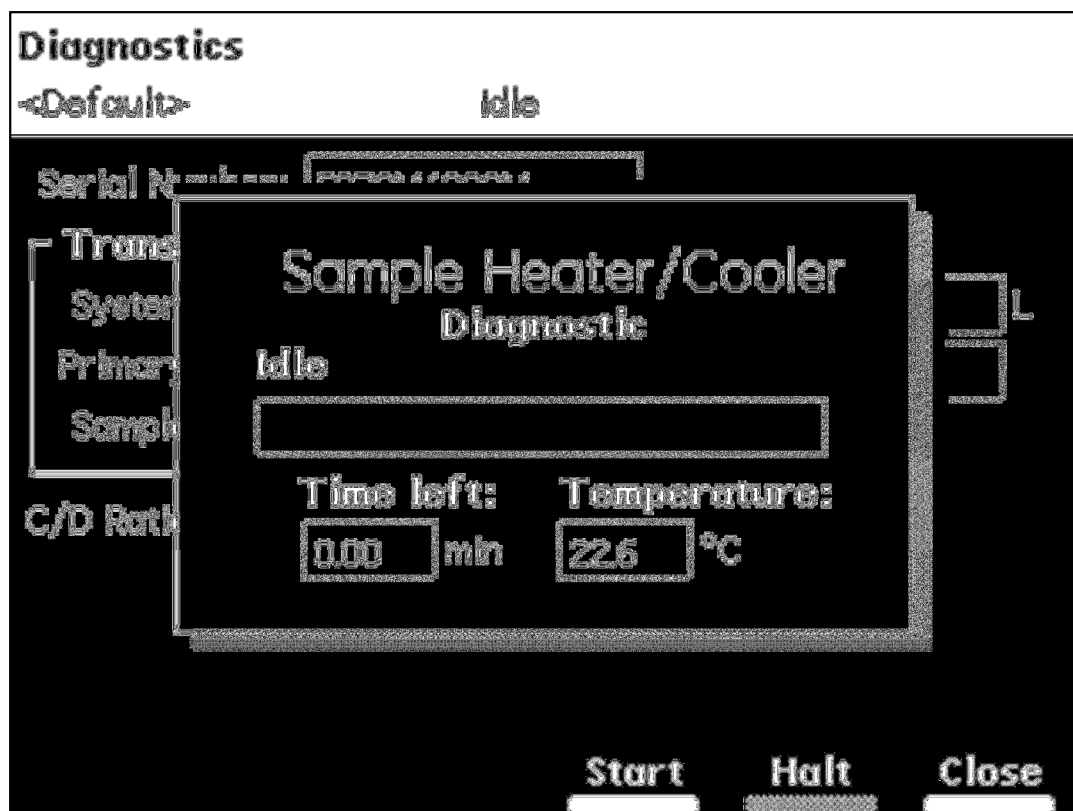
- Carousel Test screen
- Type in a New Vial number and press Go To Vial.



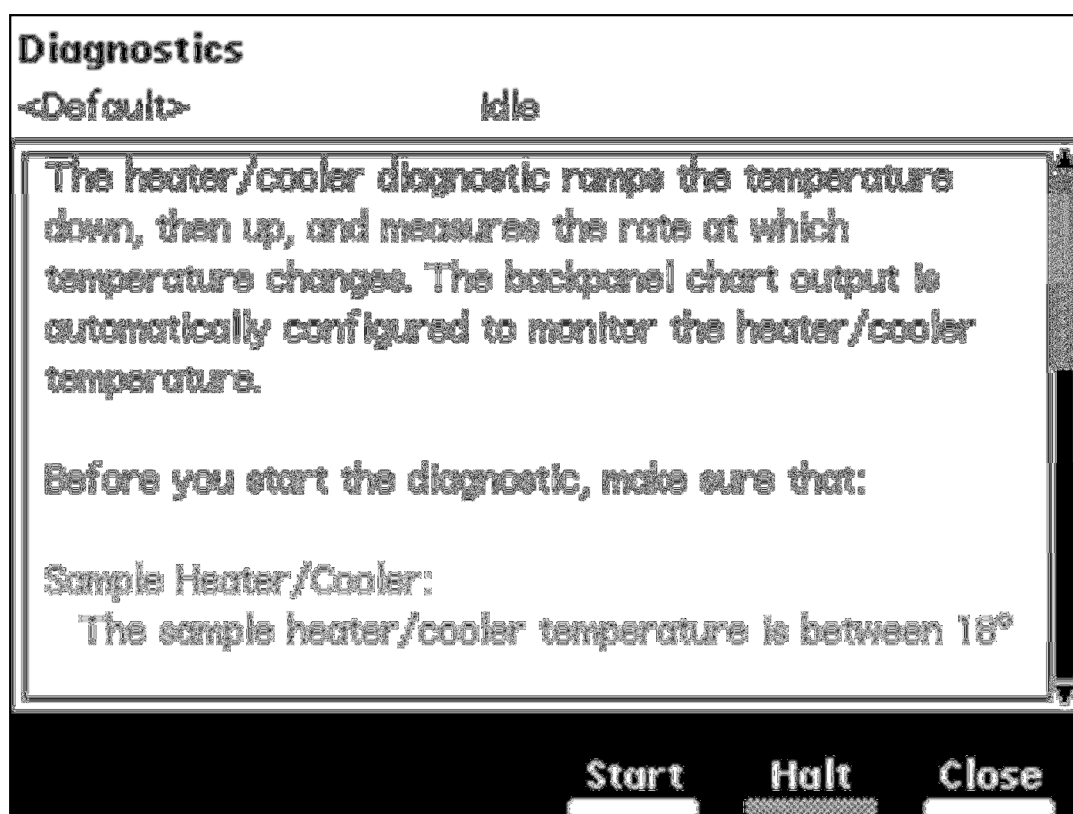
- If there is no vial in the position the carousel is sent to, the above message is displayed.



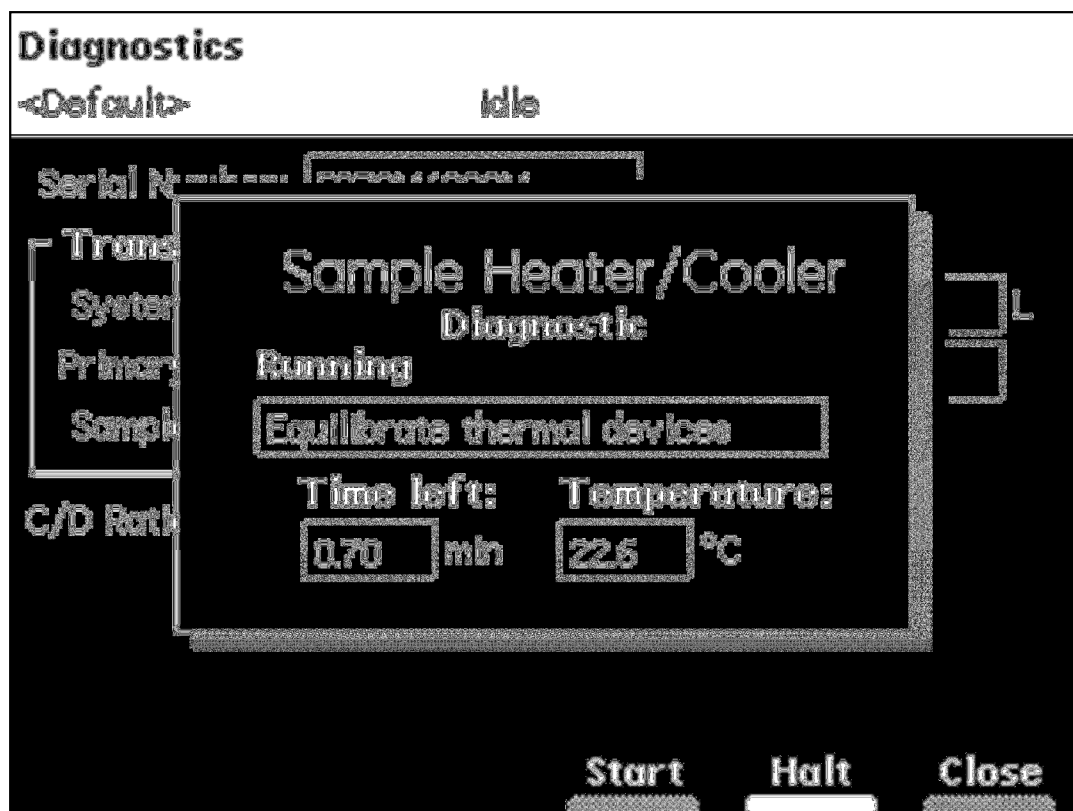
- From the Main Page, select Diag, select Other Tests,
- Scroll to Sample heater/cooler, the Sample Heater/Cooler test screen is displayed.



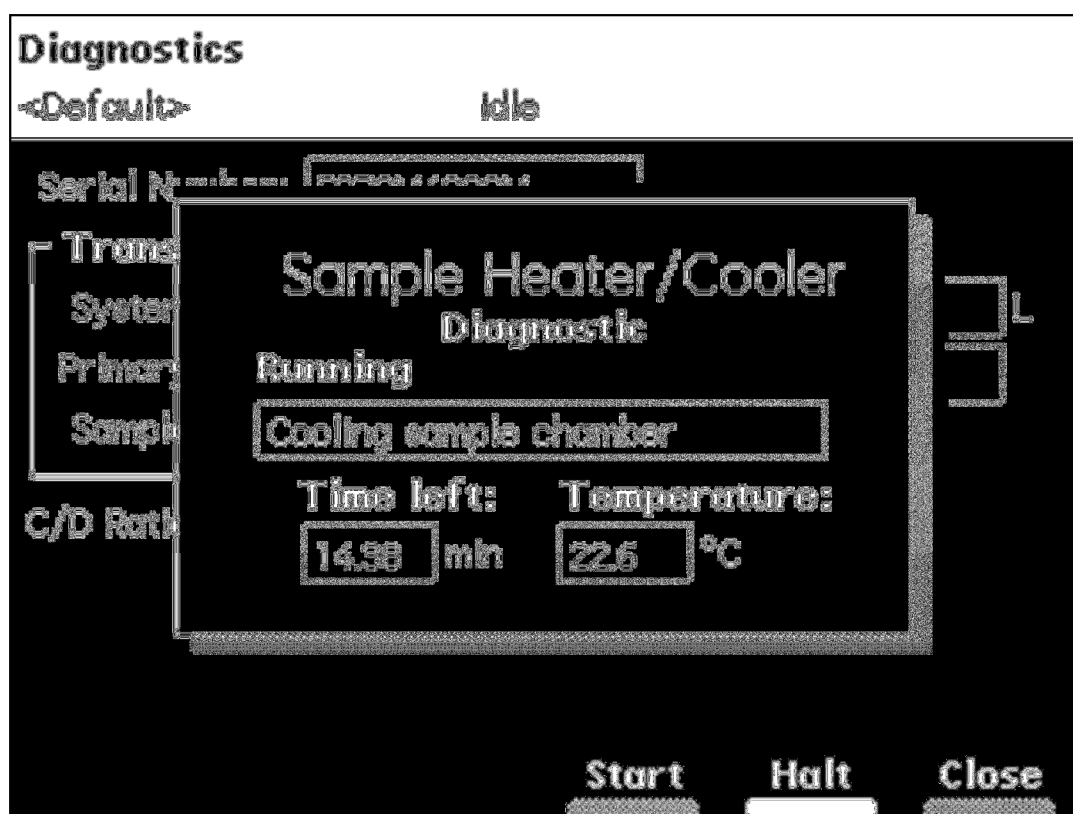
- The Sample Heater/Cooler test screen.
- Press the ? Key on the front panel.



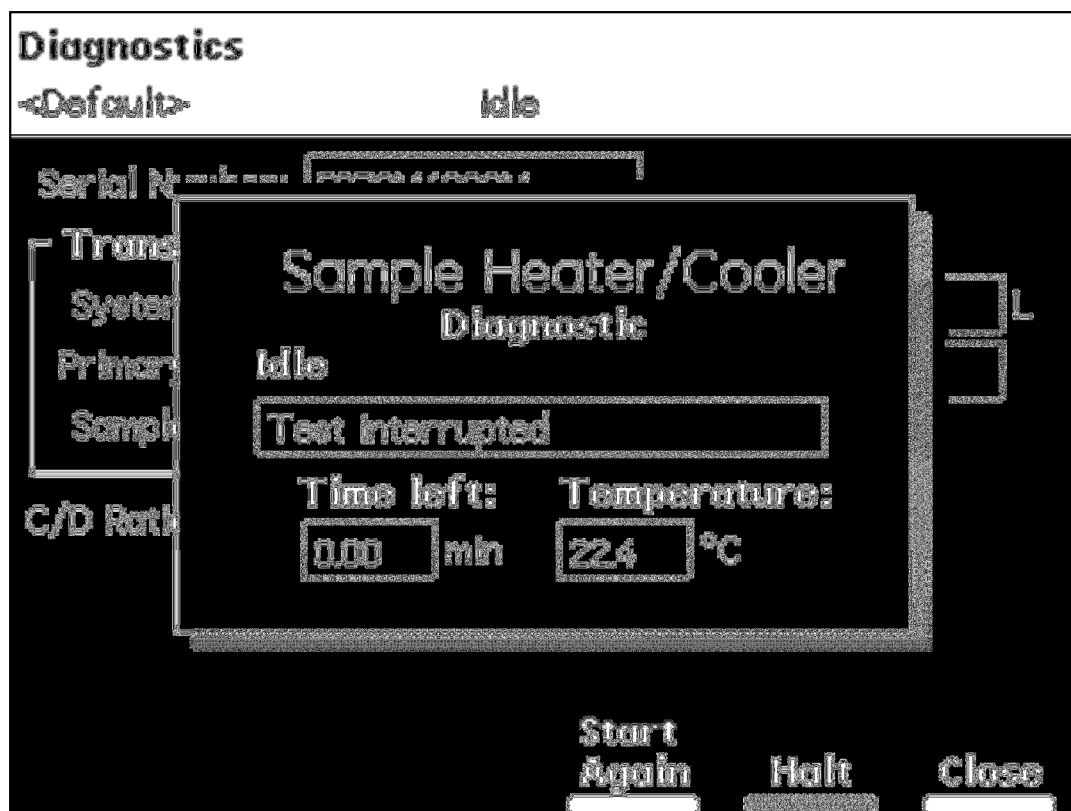
- Help message for the Sample Heater/Cooler test.



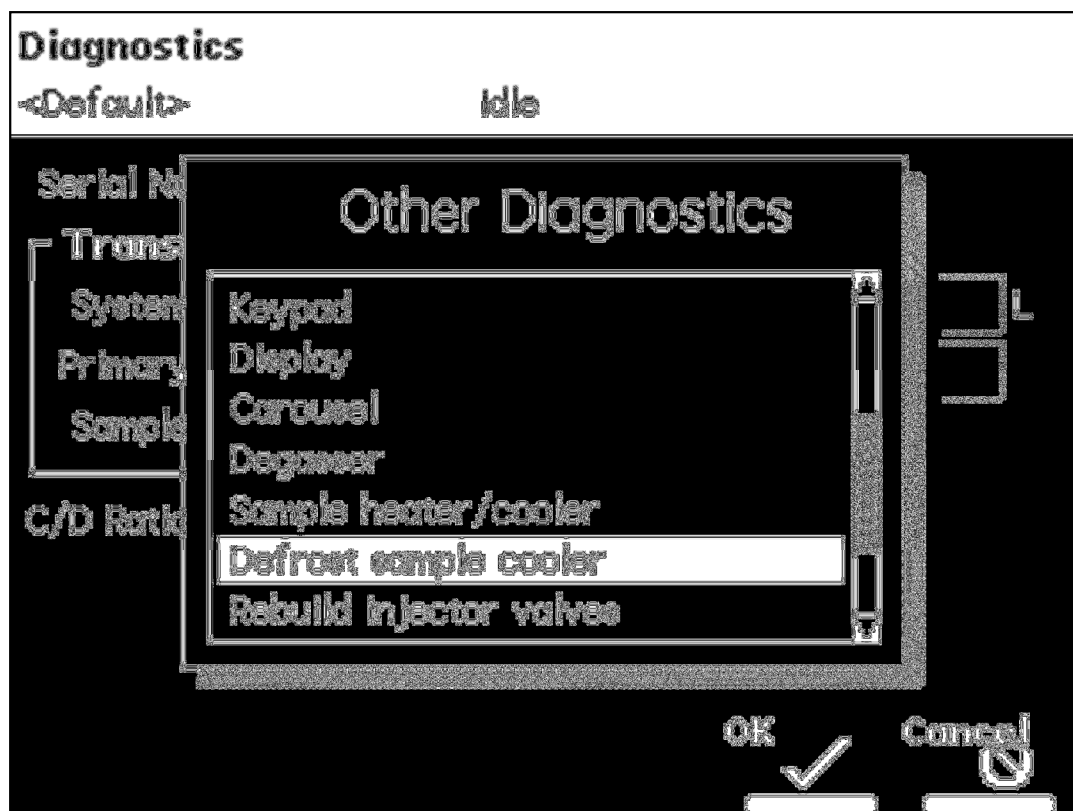
- Sample Heater/Cooler test, equilibrating the thermal devices.



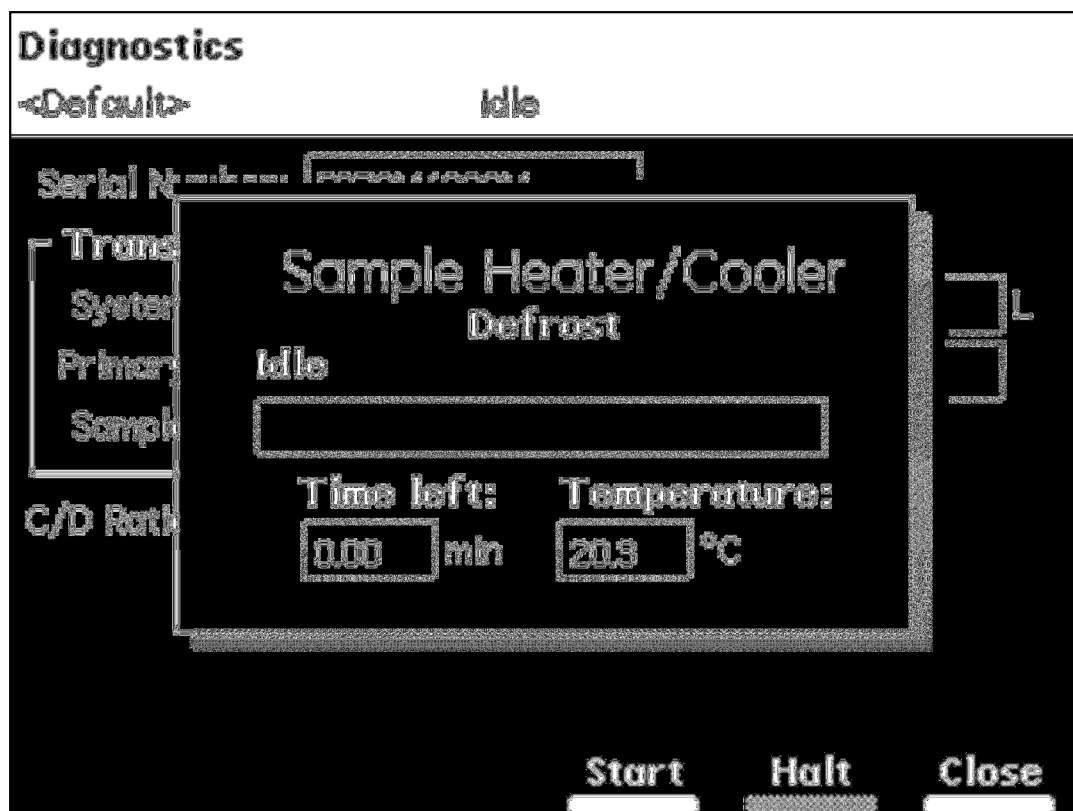
- Sample Heater/Cooler test, cooling the sample chamber.



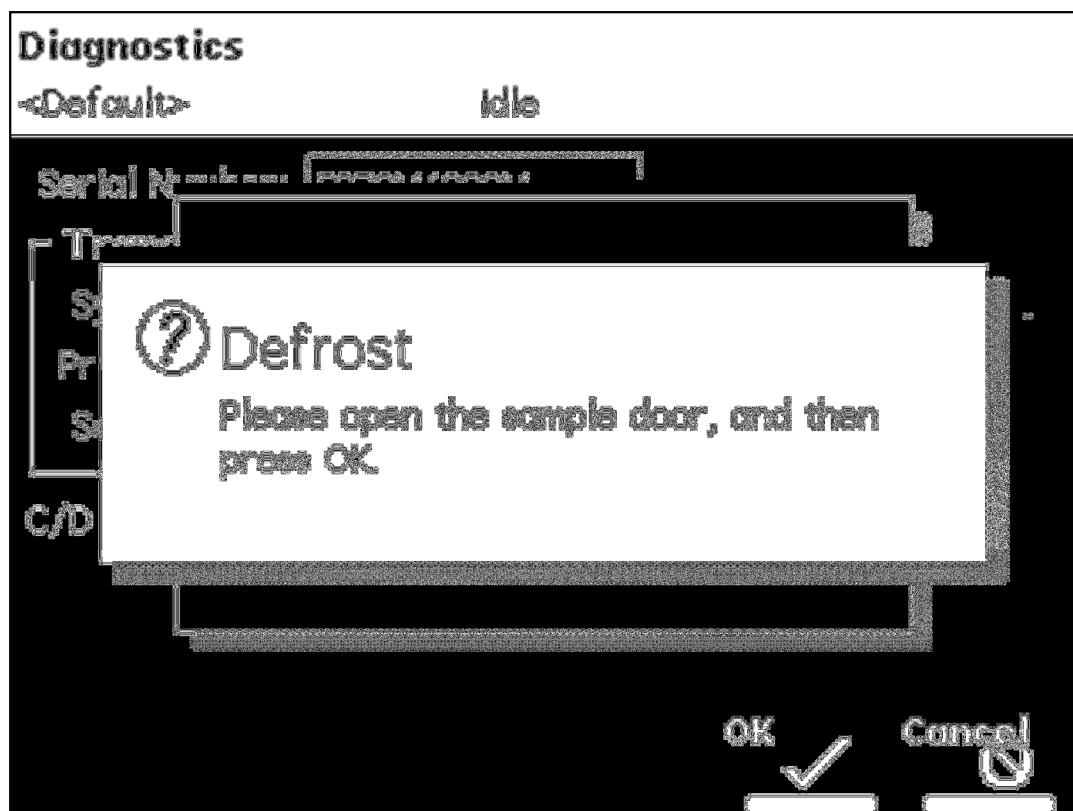
- Sample Heater/Cooler test, results.



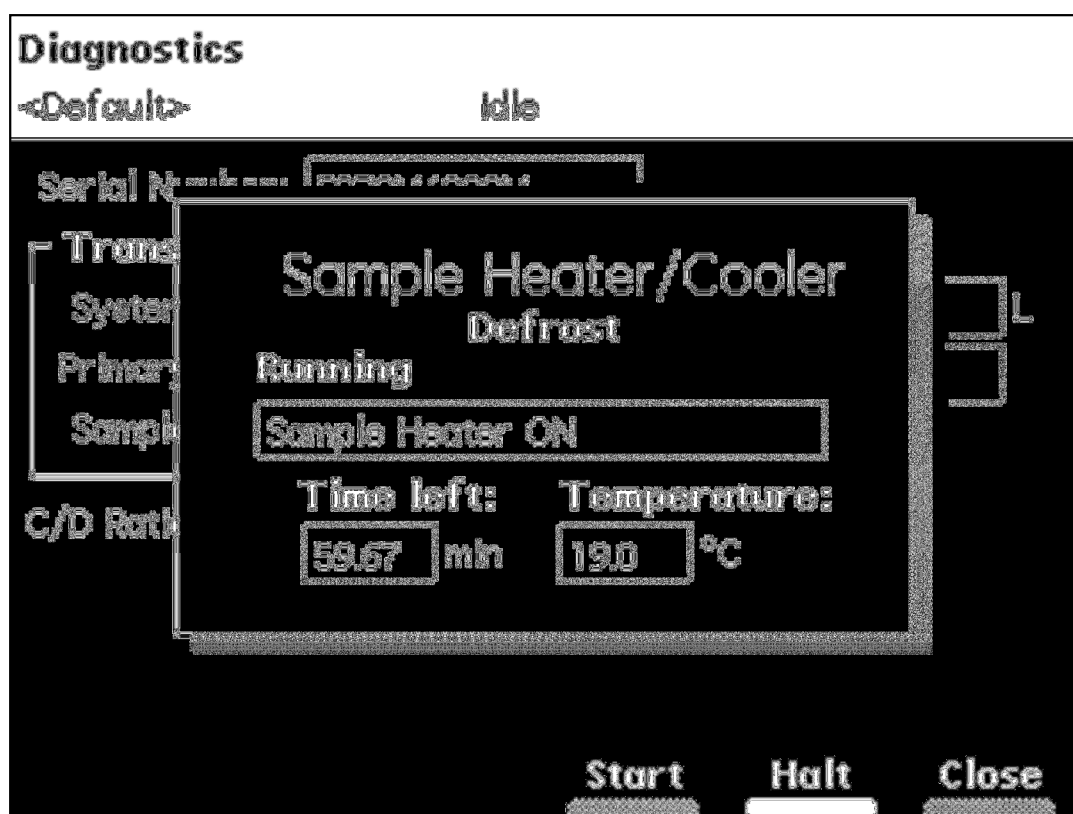
- From the Main Page, select Diag, select Other Tests,
- Scroll to Defrost sample cooler, the Sample heater/cooler, Defrost dialog screen is displayed.



- Sample Heater/Cooler Defrost dialog screen.
- Press Start.



- Defrost instruction screen.



- Sample Heater/Cooler Defrost screen, function running.