

 ABBOTT ADD	INDEX INSTRUMENT SERVICE ADVISORY
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PRODUCT: ALCYON (TM) 300 ISE (122)	DATE: 10-FEB-1999
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ISA #	SUBJECT	EFFECTIVITY DATE
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122-002	Software Issue in LIS List Loading and List Run Modes	09-FEB-1999
122-001	Temperature Verification and Adjustment Procedure	21-SEP-98

PENDING -	ISA index number has been reserved for a future ISA.
CANCELLED -	ISA index number is cancelled.
INCORPORATED -	ISA was incorporated into another document or manual.
OBSOLETE -	ISA no longer applies.
COMPLETE -	ISA is complete.

END OF DOCUMENT

**ABBOTT
ADD****INSTRUMENT SERVICE ADVISORY**

SUBJECT: Software Issue in LIS List Loading and List Run Modes	ISA#: 122-002
ORIGINATOR: Gary Tompkins	PRODUCT: ALCYON (TM) 300 ISE (122)
APPROVED: Christie McCain 10-FEB-1999	EFFECTIVITY DATE: 09-FEB-1999

ALCYON (TM) is a trademark of Abbott Laboratories.

An issue has been identified with Alcyon System Software Ver 261095/0142 in the List Loading and List Run Modes. This issue may allow for samples pipetted from one patient to be reported as the results of a different patient, i.e., mismatching the results. The potential for this mismatch occurs **ONLY** when the ALCYON is used in the LIS List Loading and List Run Modes. This problem will be resolved in the next release of system software, currently scheduled for later this year. See below for the workaround options for this issue.

2. If the Alcyon software is configured as noted above: Presently, the only workaround is to reconfigure the Alcyon to use one of the two modes listed below. It may be necessary to contact the customer's LIS vendor to determine which of the options listed below are compatible with their LIS. Specific changes to ALCYON parameters will need to be determined by the LIS vendor.

ID Mode Run (Query mode)- In this mode, the Sample ID is either manually entered on the Analyzer (for non-bar coded tubes or cups) or is read from the bar code label on the tube. Using the Sample ID, the Analyzer then queries the laboratory computer for the tests to be run. The laboratory computer downloads the tests; the Analyzer runs the tests, then the results are uploaded to the laboratory computer.

The instructions for using the ID Mode can be found in the ALCYON Operations Manual, Section 5, *Operating Instructions: Running Tests Downloaded from a Laboratory Computer* in the section titled ID Mode Run.

Unidirectional Mode - When using the Unidirectional Mode, the Sample IDs and tests are manually entered on both the ALCYON Analyzer and the laboratory computer. The Analyzer runs the tests, then uploads the results upon completion. The instructions for using the Unidirectional Mode can be found in the ALCYON Operations Manual, Section 5, *Operating Instructions: Ordering and Running Tests* in the section titled *Entering Tests Manually (Deferred and STAT)*.

If you have any questions regarding this Instrument Service Advisory please contact your Area Specialist or WWCS CSE.

**ABBOTT
ADD****INSTRUMENT SERVICE ADVISORY****SUBJECT:**
Temperature Verification and Adjustment Procedure**ISA#:**
122-001**ORIGINATOR:**
Gary V. Tompkins/Emile Diou**PRODUCT:**
ALCYON (TM) 300 ISE (122)**APPROVED:**
Christie McCain 9/21/98**EFFECTIVITY DATE:**
21-SEP-98**ALCYON (TM) is a trademark of Abbott Laboratories.****I. DISTRIBUTION:**

Worldwide except United States.

II. PURPOSE:

This ISA provides the Temperature Verification and Adjustment Procedure for the Rev. 0 ALCYON Analyzer. This procedure is a Field Service procedure. Customers are not trained to perform this

4. While instrument temperature stabilizes, perform the following setup:
 - a. Access Reglages.
 - b. From the Main Menu:
 - B - REACTION WHEEL
 - H - WHEELS DISENGAGING
 - F - WHEEL ROTATION SEVERAL STEPS
5. Set the parameters to:

DIRECTION (0= to Home)	1
NUMBER OF STEPS	1000
SPEED	300
BACKWARD & FORWARD	Y
STOP ACTIVE (Y/N)	N
6. Dispense 300 microliters of DI water into each cell of a reaction cuvette segment.
7. Manually rotate to access position 4 of the Reaction Carousel.
8. Place the cuvette with water in position 4.
9. Place empty cuvettes into all other sectors of the Reaction Carousel.
10. Manually rotate cuvette position 1 to the unloader position. This will cause the water-filled cuvette to incubate next to the Colorimeter during Step 11.
11. Rotate the Reaction Wheel:
 - a. [F10] - to continuously rotate Reaction Wheel.
 - b. Allow the wheel to rotate for six (6) minutes.
 - c. S - to stop Reaction wheel rotation.
12. Manually rotate cuvette position 4 to the unloader position.
13. Measure the liquid temperature of cells 1, 4, 8, and 12. (1 is toward the back of the instrument.)

Press:	Displayed:
Button 1	ACCS
Button 2	codE
Button 4	1, will change to: PASS, then will change to: CodE
Button 2	Goto
Button 4	ConF, will change to: Goto
Button 2	ConF
Button 4	2, will change to: PASS, then will change to: ConF
Button 1	CAL
Button 2	Adj
Button 4	YES
Button 2	OFS.L
Buttons 3 and 4	Note the value which is displayed initially when button 3 or 4 is pressed one time. Then, using buttons 3 and 4, adjust the 'Offset Low' 4 by the value noted in Step 15b above. Adjust the value more negative to raise the temperature; more positive to lower the temperature of the liquid in cuvettes. See examples below.
Button 2	OFS.H
Buttons 3	Note the value which is displayed initially when button 3 or 4 is pressed one

NOTE: When pressing buttons below, do not hold the button down, but press it repeatedly until the indicated word or number is displayed.

Press:	Displayed:
Button 1	ACCS
Button 2	codE
Button 4	1, will change to: PASS, then will change to codE
Button 2	Goto
Button 4	Full, will change to: Goto
Button 1	IP
Button 2	CAL
Button 4	USEr
Button 2	iP
Button 1	ACCS
Button 2	Goto
Button 3	ConF, then will change to: Goto
Button 2	ConF
Button 3	2, then will change to: PASS, then will change to ConF

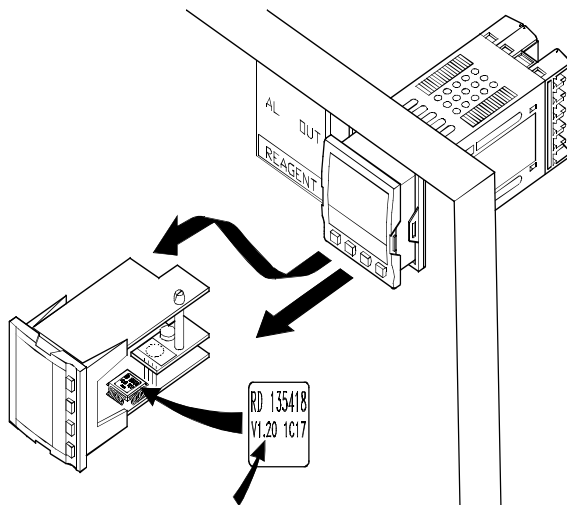


Figure 2: Firmware Revision Location

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