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WARNING !

Procedures in this chapter require following biohazard, electrical hazard, and electrostatic discharge precautions.



WARNING !

You must perform [VP-60: Decontamination](#) before you begin and after you complete servicing the analyzer. Tools must be decontaminated before servicing the analyzer and before they are returned to the tool kit.

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VERIFICATION PROCEDURES (alpha order)

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AVR Sensor Check	VP-65	5-115	Carousel Motor and Gear Adj.	VP-19	5- 51
Bar Code Adjustment	VP- 5	5- 19	Clearing System, ASTM [®]		
Bar Code Check	VP- 4	5- 16	and CSC Logs	VP-63	5-112
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Checks

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CHAPTER OVERVIEW (pg 1 of 3)

This chapter contains adjustments, calibrations, checks, tests and additional procedures required to verify instrument operation after repairs are complete on the LCx® Analyzer.

Verification procedures (VPs) are also used to assist in troubleshooting.

These procedures are referenced in Chapter 2: Troubleshooting and Chapter 4: Removal & Replacement Procedures.

Where applicable, VP numbers correspond to the related VPs in the IMx® Analyzer Service Manual.

For additional information, refer to [Appendix D: Software Menu Maps](#).

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Displays

Where applicable, displays are shown and explained. This example display is from VP-65.

Move active syringe												INACT_DIL bottle present											
Indicates Diluent Syringe is active												SYS_DIL bottle present											
Diluent Syringe status						Valve A status						Sample Syringe status						AVR locked					
Sensor			Steps			Sensor			Steps			Sensor			Steps			# of steps moved					
DS	S		DS=Y		0	VA=Y		0	SS=Y		0	YYY		1									
NEXT			HOME			UP			DOWN			DONE											

VP65.ds4

VP65.ds4

Chapter Overview (pg 3 of 3)

Printouts

Where applicable, example printouts are shown. Values are analyzer-specific; the printout from a particular analyzer may not show the same values as in the example.

Specifications are shown enclosed in a dotted-line box on the printout. This specification box does not appear on the actual printout.

This example printout is from VP-47.

PERFORMANCE PANEL RUN			
DATE:	06/07/1997		
TIME:	12:14:34		
TECH ID:	-----		
RGNT LOT:	-----		
CRSL ID:	2		
SERIAL #:	1		
ASSAY	NAME	LIST #	REV. #
111	PRFM	6A20	13
LOC	ID	RATE	
1	LVL1 CNTL	11.3	
2	LVL2 CNTL	229.1	
3	LVL3 CNTL	1289.3	
LVL1 CNTL VALUE		=	11.30
LVL2 CNTL VALUE		=	229.10
LVL3 CNTL VALUE		=	1289.30
TESTS LEFT		=	100
VP47-2.ds4			

Specification
Refer to assay insert for specifications.
Specified ranges for Field Service information only:
Level 1 0.0-40.0
Level 2 ≥ 130
Level 3 ≥ 900
These ranges are not lot-specific to any Performance Panel or LCx Detection Reagent Pack, but are inclusive of all reagent lots.