



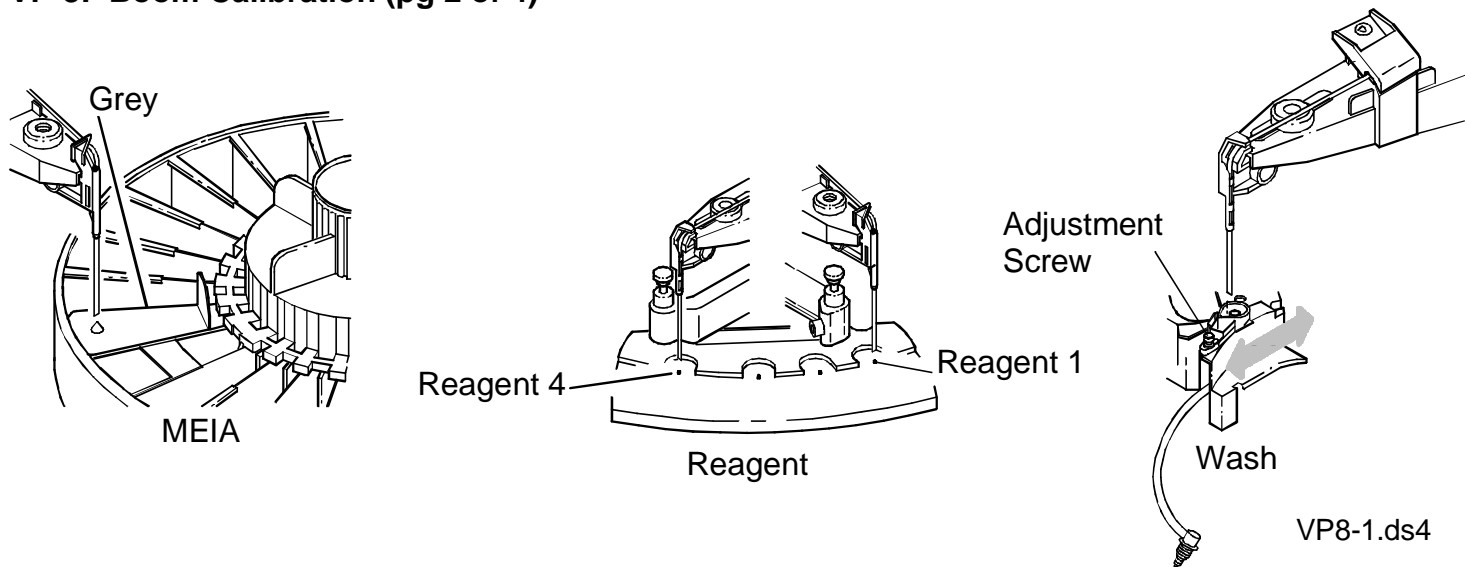
VP-8: BOOM CALIBRATION (pg 1 of 4)

Time: 10 minutes

Purpose: To reset Boom positioning parameters

1. Enter Boom Calibration:
 - MONITOR
 - CAL
 - BOOM
2. Insert MEIA Probe Position Cartridge into Carousel position #1.
3. Insert Reagent positioning pack into Reagent Heater Block.
4. Place blank cells in locations 2, 7, 12, 17 and 22 of the carousel.
5. Insert Carousel.
6. Press:
 - REAGENT
 - START
7. Position Probe directly over and lightly touching each target (Figure VP8-1).
 - VERTICAL (UP/DOWN)
 - HRZNTL (LEFT/RIGHT)
 - VERIFY
8. If positioning is within 1 probe width of target, press:
 - STOREIf incorrect, press:
 - REPEAT

VP-8: Boom Calibration (pg 2 of 4)



VP-8: Boom Calibration (pg 3 of 4)

9. Repeat steps 7 and 8 for each target.

Press:

Vial Target 1

Vial Target 2

Vial Target 3

Vial Target 4

10. Press:

■ WASH

■ START

11. Position Probe directly over and lightly touching the target. Press:

■ VERTICAL (UP/DOWN)

■ HRZNTL (LEFT/RIGHT)

■ VERIFY

12. If positioning is within 1 probe width of target, press:

■ STORE

If incorrect, press:

■ REPEAT

13. Press:

■ CRSL

■ START

14. Position Probe directly over and within several vertical steps of the target:

■ BOOM

■ VERTICAL (UP/DOWN)

■ HRZNTL (LEFT/RIGHT)

■ CRSL

■ CW

■ CCW

■ VERIFY

VP-8: Boom Calibration (pg 4 of 4)

15. If positioning is within 1 probe width of target, press:

■ STORE

If incorrect, press:

■ REPEAT

16. Press:

■ LVLSNS

■ START

See example results (Figure VP8-2).

LCx LEVEL SENSE CAL		
06/02/1997 11:04:15		
SERIAL # 1		
SYSTEM REV XX.XX		
LOC	LEVEL	<i>Specification</i>
2	267	<i>Level</i> 260-270
7	267	<i>Range between levels</i> ≤ 3
12	266	
17	268	
22	267	
*** LEVELS OK ***		
***** LCx LEVEL SENSE CAL PASSED *****		

VP8-2.ds4