

VP-7: BOOM CHECK (pg 1 of 2)



Time: 5 minutes

Purpose: To verify that stored Boom positioning parameters are correct

1. Insert MEIA Probe Position Cartridge into carousel position #1.
2. Insert Reagent Position Pack into Reagent Heater Block.
3. Insert Carousel.
4. Enter Boom Check:
 - MONITOR
 - CHECKS
 - BOOM

5. Check Probe positioning over each alignment target:

- RGNT1
- RGNT2
- RGNT3
- OTHER
- RGNT4
- WASH
- TARGET

Probe should be centered over and rest on tip of target (within one probe width) on RGNT-1, RGNT-2, RGNT-3, and WASH. Probe should be centered over, but will not touch, target for Probe Position Cartridge in carousel position #1.

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7. The probe must be centered within one probe width of the target. The tip of the Probe must be level with the top of the Reagent Positioning Pack targets and the Wash Station target. For the Probe Positioning Cartridge, the probe must also be centered within one Probe width of the target, but the Probe will not touch the target.

If the Probe is not centered over and touching appropriate targets, perform Boom Calibration (VP-8).

8. If probe is centered over RGNT 1 but not centered over RGNT4, perform Reagent Heater Block Adjustment (VP-21).