VP-34: CAROUSEL LOCK SENSOR ADJUSTMENT (pg 1 of 3)

8

Time: 5 minutes

Purpose: To set Carousel Lock Sensor voltage

- Clean Carousel Lock Sensor.
- 2. Place locked MEIA Carousel into analyzer.
- 3. Enter CRSL DOOR Hand Controls:
 - MONITOR
 - HND_CTRL
 - OTHER
 - CRSL_DOOR

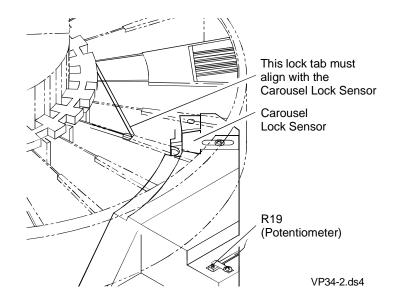
/	Move Carousel Indicates Carousel is active	Carousel position at MEIA Lamp Carousel position in steps Door Sensor status	
	Carousel Home status \	# of steps moved	
	MEIA CRSL CV=0,8 H=N P	6 C381 Y DR=C 1	
	- INDEX HOME CW	CCW DONE VP34-1.ds4	

5 Verification Procedures VP-34: Carousel Lock Sensor Adjustment 5 - 78 LCx[®] Analyzer Service Manual (Text P/N 47278-102)

Chapter	Manual	CD Main	Index
Contents	Contents	Screen	

VP-34: Carousel Lock Sensor Adjustment (pg 2 of 3)

- Move Carousel so that locking tab is blocking Carousel Lock Sensor (Figure VP34-2):
 - 99 ■ 0∓055
 - STORE
 - CW (2 times)
 - **4**0
 - STORE
 - CW

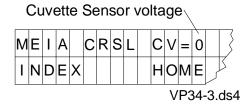


5 Verification Procedures VP-34: Carousel Lock Sensor Adjustment 5 - 79 LCx[®] Analyzer Service Manual (Text P/N 47278-102)

Chapter	Manual	CD Main	Index
Contents	Contents	Screen	

VP-34: Carousel Lock Sensor Adjustment (pg 3 of 3)

 Adjust R 16 on Sensor Bracket Assembly until Cuvette Sensor Voltage CV = 3.7V ± .1V (Figure VP34-3).



6. While holding the carousel in place, unlock the carousel.

Verify that sensor voltage CV ≤ 1.7V.
 If out of range, repeat procedure from step 5, adjusting the potentiometer until specification is met for both conditions.
 Locked ≥ 3.3V

Unlocked ≤ 1.7V

Verification Procedures VP-34: Carousel Lock Sensor Adjustment LCx® Analyzer Service Manual (Text P/N 47278-102)

Chapter	Manual	CD Main	Index
Contents	Contents	Screen	
Contonto	Comonio	00.00	

5 - 80