

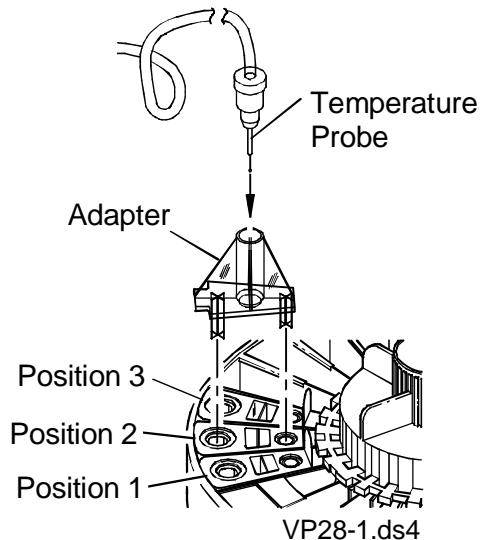
## VP-28: MEIA TEMPERATURE CHECK (pg 1 of 2)



Time: 17 to 31 minutes

Purpose: To verify that fluid in the reaction cell is maintained at  $34.0^{\circ}\text{C} \pm 0.7^{\circ}\text{C}$

1. Perform MEIA Temperature Check:
  - MONITOR
  - CHECKS
  - TEMP
2. Load MEIA carousel (Figure VP28-1).



## VP-28: MEIA Temperature Check (pg 2 of 2)

3. Press:

■ START

*NOTE: There is a 90 second time limit from the time the door is opened until the temperature is entered.*

4. Measure and enter temperature when instructed by the display.

- Press button or switch on Temperature Meter.
- Place Temperature Probe with adapter into position 1 for 20 seconds.
- Move probe to position 2.
- Wait for meter to stabilize.  
Enter temperature.

4. (cont)

e. Remove probe and adapter.

5. Close door.

6. Examine the printout (Figure VP28-2).

LCx MEIA TEMP CHECK			
02/13/1997 11:27:55			
SERIAL # 1			
SYSTEM REV XX.XX			
		Specification	
LIQUID HEATER BLOCK	35.0	Liq Heater Block	35.0 ± 0.5
REAGENT HEATER	35.0	Reagent Heater	35.0 ± 0.5
CURRENT LIQ TEMP	33.8	Current Liq Temp	34.0 ± 0.7
MEIA SETPOINT	36.0		
REMOTE TEMP	35.9	Remote Temp	± 1.5 of Setpoint
***** LCx MEIA TEMP CHECK PASSED *****			

VP28-2.ds4

7. If results are not within specification, perform Temperature Calibration ([VP-29](#)).