VP-24: MEIA PMT CHECK (pg 1 of 1)



Time: 2 minutes

Purpose: To check PMT response to changes in voltage and light

- 1. Place carousel in analyzer.
- 2. Close door.
- 3. Enter Optics Hand Controls:
 - MONITOR
 - HND_CTRL
 - OPTICS

Remove carousel after carousel rotation completes.

- 4. Set PMT high voltage to zero:
 - SET HV
 - **0**
 - STORE
- 5. P = 850-1100.



- 6. Set PMT high voltage to 600V:
 - SET HV
 - **600**
 - STORE
- 7. P = (MEIA PMT) counts increase **slightly**.
- 8. Open door.
- 9. P = (MEIA PMT) counts increase **greatly**.

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5 Verification Procedures VP-24: MEIA PMT Check LCx® Analyzer Service Manual (Text P/N 47278-102)

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