

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.

ME	I	A	P	=	X	X	X	X									
	I	N	D	E	X					L	A	M	P				

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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**.