

VP-30: MEIA CAROUSEL CALIBRATION (pg 1 of 2)



Time: 4 minutes

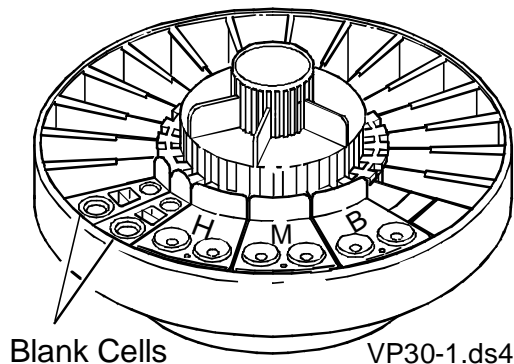
Purposes:

- To determine the appropriate high voltage and PMT reference value for matrix detection, and
- To find the optimum read offset under the MEIA optics assembly

CAUTION !

Do not EXIT. If EXIT is pressed or RUN is aborted, edit [System File 3.13](#) (MEIA Carousel Read Offset) to 24 and reinitiate calibration.

1. Load carousel (Figure VP30-1).



VP-30: MEIA Carousel Calibration (pg 2 of 2)

2. Perform MEIA Carousel Calibration:
 - MONITOR
 - CAL
 - CRSL
 - START
3. Evaluate printout (See example in Figure VP30-2).

| | | |
|--------------------------------------|------|----------------------|
| LCx MEIA CRSL CAL | | |
| 05/30/1997 10:32:21 | | |
| SERIAL # 1 | | |
| SYSTEM REV XX.XX | | |
| MEIA CAL VOLT | 588 | |
| MTRX DET VOLT | 716 | |
| MTRX DET REF | 1486 | <i>Specification</i> |
| READ OFFSET | 18 | <i>Offset 10-32</i> |
| ***** LCx MEIA CRSL CAL PASSED ***** | | |

VP30-2.ds4

4. If MTRX DET REF 1600-3000, repeat MEIA CRSL CAL using new Blank Cells.
5. Perform MEIA Photo Calibration ([VP-27A](#)).