

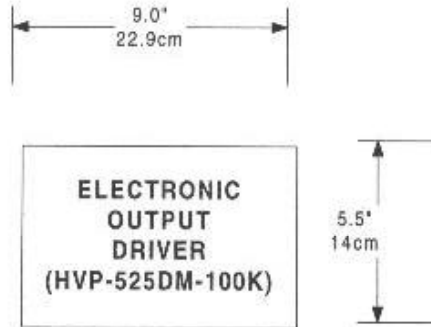
# QUANTUM TECHNOLOGY, INC.

LAKE MARY, FLORIDA 32746-6212

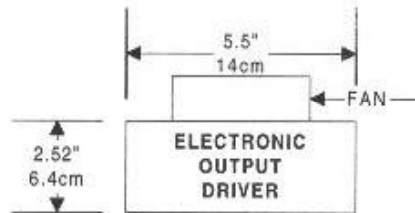
407-333-9348

FAX: 407-333-9352

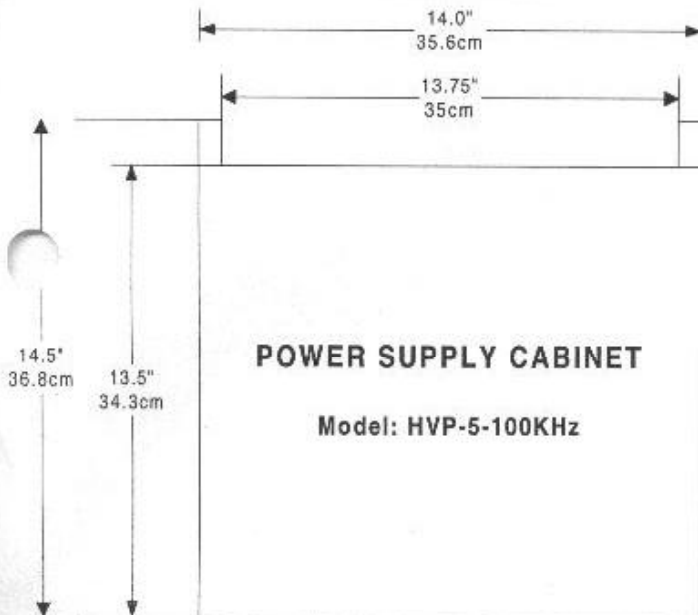
e-mail: staff@quantumtech.com



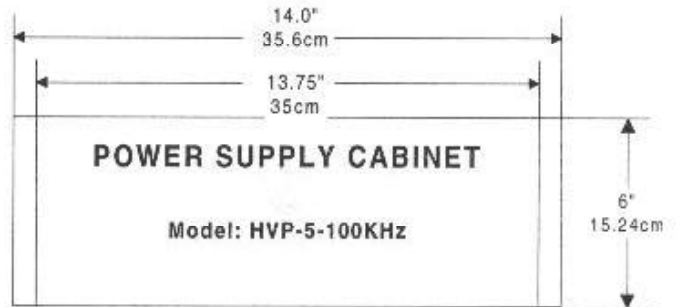
**TOP VIEW**



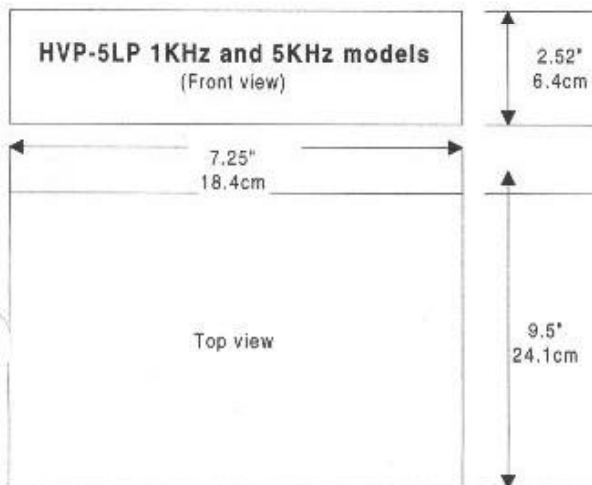
**SIDE VIEW**



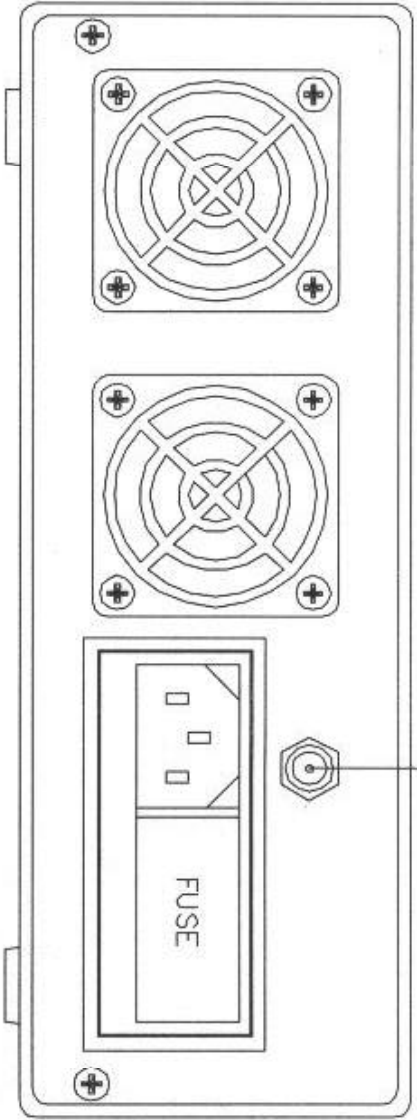
**TOP VIEW**



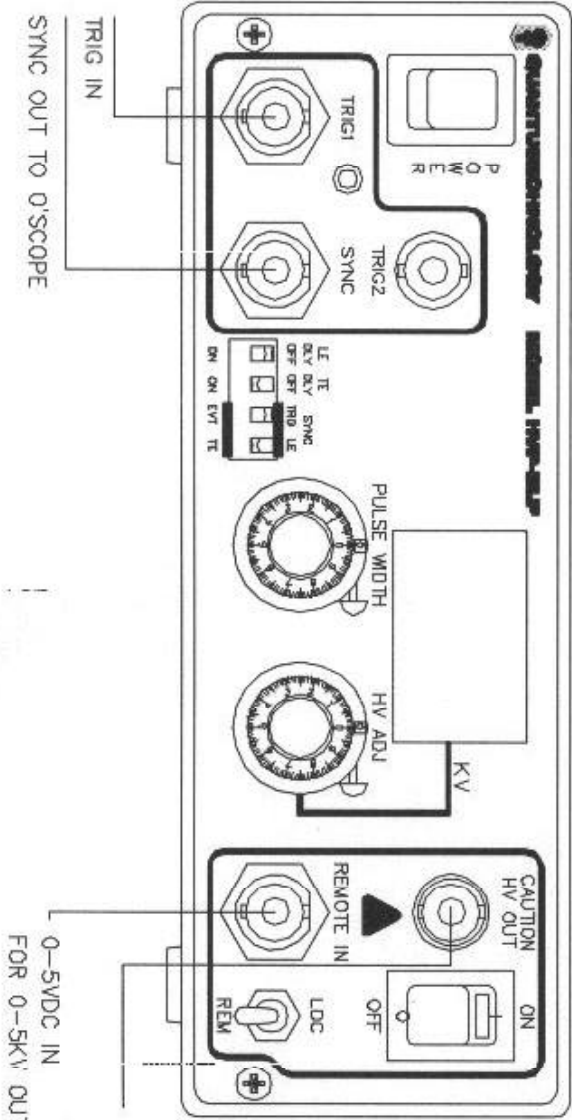
**FRONT VIEW**



**HVP-5-SERIES CABINETS  
FOR POWER SUPPLY  
and  
OUTPUT DRIVER**



OPTIONAL 24 VDC IN FOR HIGH POWER APPLICATIONS

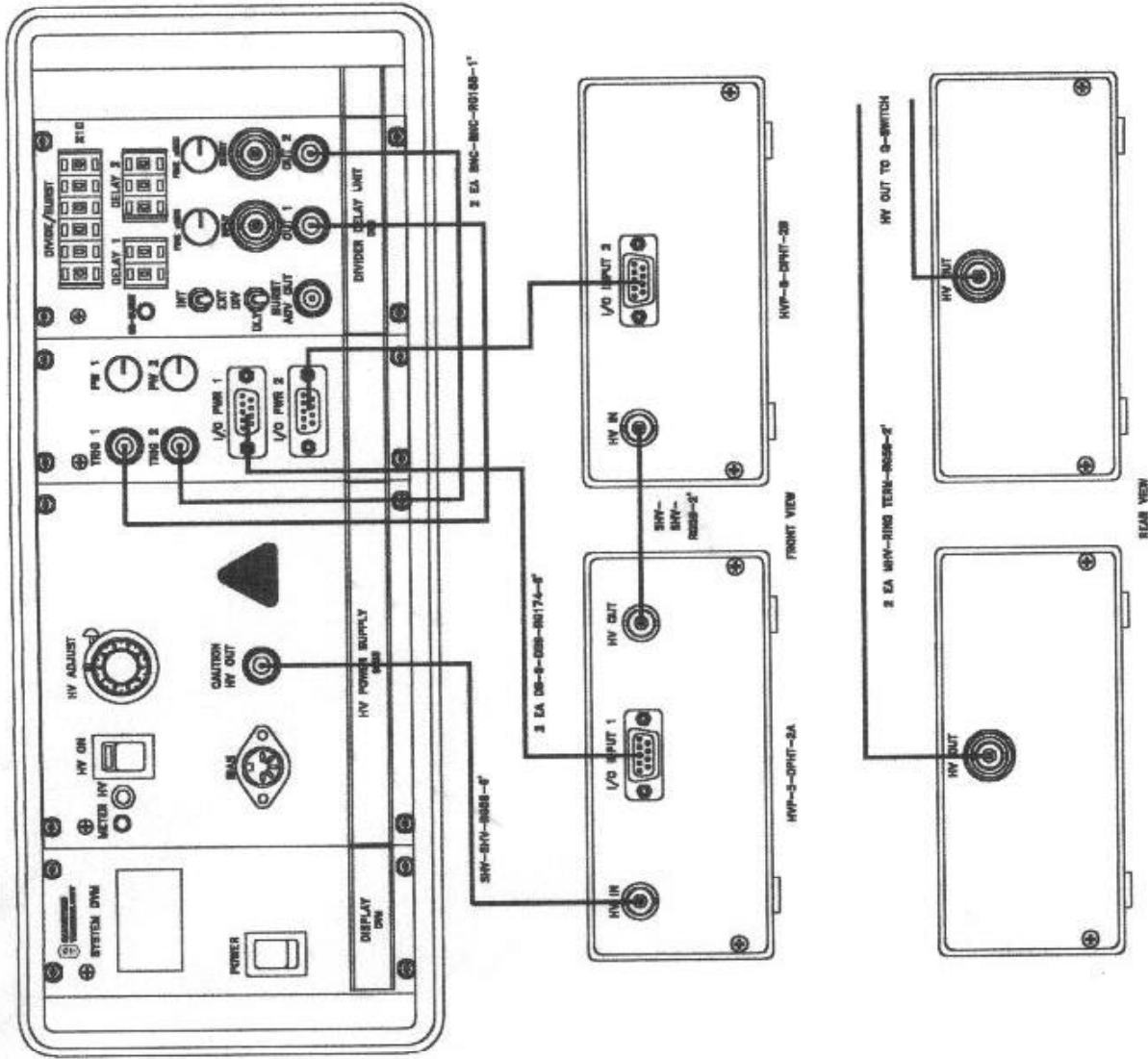


0-5KV DUT  
TO POKELS CELL OR OTHER  
GENERALLY CAPACITIVE LOAD

0-5VDC IN  
FOR 0-5KV OUT

### MODEL HVP5LP HOOKUP DIAGRAM

\* REQUIRED FOR HVP5LP-5K (5KHZ AND ABOVE)



HVP-540-DPHT-2 INTERCONNECTIONS  
 SHOWN WITH DIVIDER DELAY OPTION

4/17/2000

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

Rotational movement:  
~30 arc-sec/  
10 degrees of adjustment of YAW

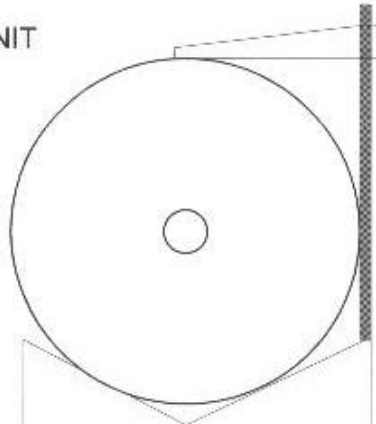
MODULATOR UNIT

Rotational movement:  
~30 arc-sec/  
10 degrees of adjustment of YAW

Yaw Adj

+/-3mm Horizontal Adj  
Resolution:  
~3 um/  
10degrees rotation

5-3.15" coarse  
(12.7-8 cm)  
incl +/-0.2" fine  
(+/-4 mm fine)



Vee Clamp

+/- 4mm Vertical Adj  
Resolution: ~0.05mm /  
10degrees rotation

Note: Must loosen vertical lock to operate.

vertical clamp for coarse height locking

Mid base 3.5" deep x 5.5"L

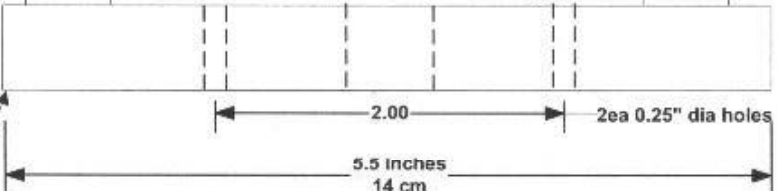
Pockels Cell assy Clamp

Pitch Adj  
Resolution:  
~30sec/ 10 degree rotation

Standard 4"L x 0.500" dia post (2ea) MAY BE REPLACED BY USER TO CHANGE HEIGHT AS REQ

vertical lock 0.50" | 0.5" x 0.25" dia slot

Base: 2" deep x 0.5" thick



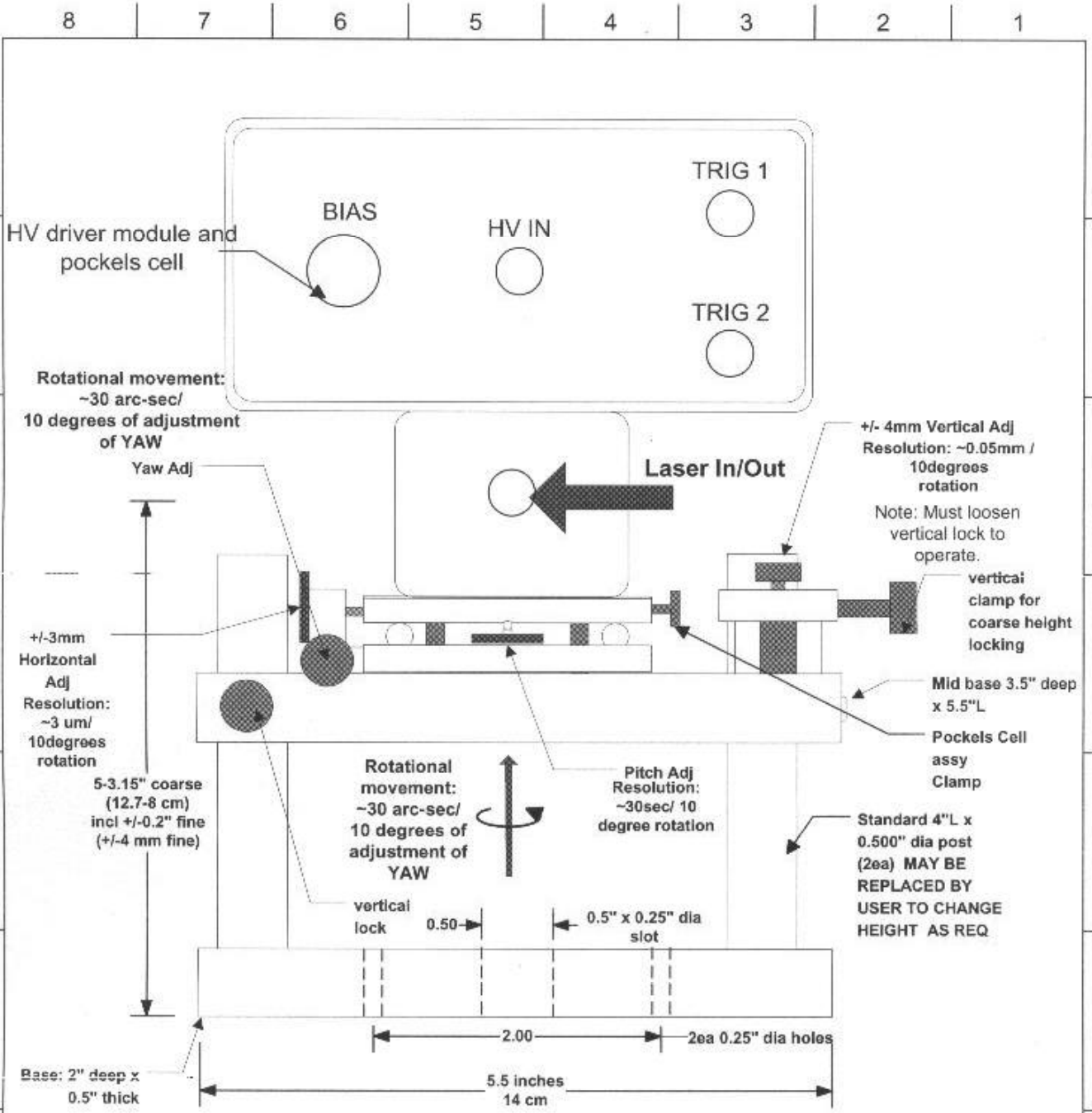
**Note: lift vertical clamp and swing out of way above post to tighten Pockels Cell assy clamp**

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MODEL: MTM MOUNT WITH MODULATOR

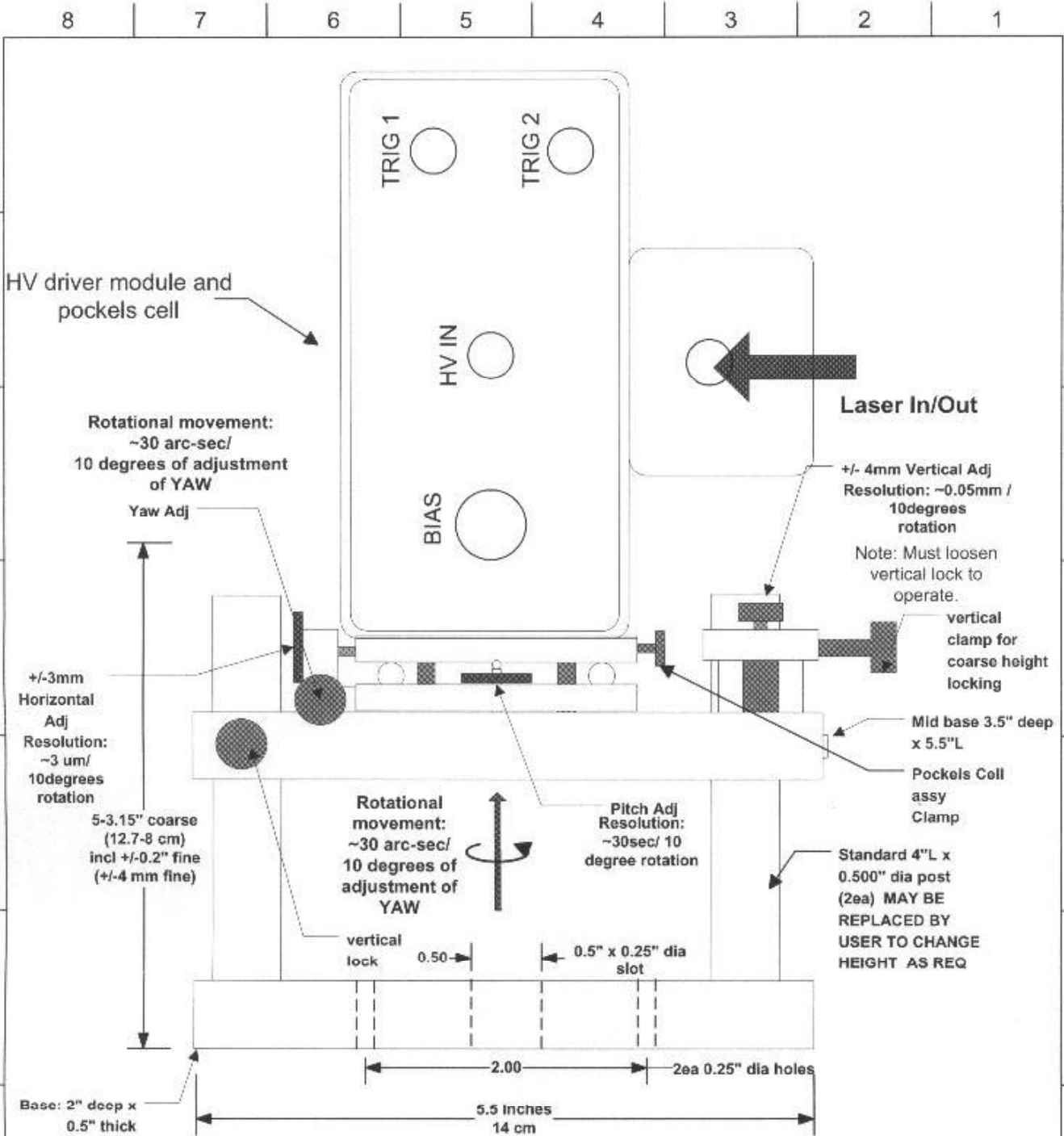
SIZE	FSCM NO	DWG NO	REV
A		MODEL-MTM-MOUNT WITH MODULATOR	=
SCALE	1:1	SHEET	2 OF 4

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



**Note: lift vertical clamp and swing out of way above post to tighten Pockels Cell assy clamp**

QUANTUM TECHNOLOGY, INC. LAKE MARY, FLA, USA 32746			
MODEL: MTP MOUNT WITH HV DRIVER AND POCKELS CELL			
SIZE A	FSCM NO	DWG NO MTP-MTR MOUNT	REV =
SCALE 1:1	SHEET 3 OF 4		



**Note: lift vertical clamp and swing out of way above post to tighten Pockels Cell assy clamp**

QUANTUM TECHNOLOGY, INC. LAKE MARY, FLA, USA 32746			
MODEL: MTP MOUNT WITH HV DRIVER AND POCKELS CELL			
SIZE A	FSCM NO	DWG NO MTP-MTR MOUNT	REV =
SCALE 1 : 1	SHEET 1 OF 4		