

Instructions

Collimator Model CML-VET-SU01-NC (Summit 07877-201, 07877-202)

Hardware Kit Contents

07877-201	07877-202
4X M6x30 Flat Head Socket Screws (BLACK; HAS01) 4X M6x35 Flat Head Socket Screws (SILVER; HAZ71) 4X Spacer, .06" (1.5 mm) Thick (G881) 1X Filter Assembly (07562) 1X Cable Assembly (09889)	4X M6x30 Flat Head Socket Screws (BLACK; HAS01) 4X M6x35 Flat Head Socket Screws (SILVER; HAZ71) 4X Spacer, .06" (1.5 mm) Thick (G881) 1X Filter Assembly (07562)

Power



WARNING

This collimator requires 24VDC or **ISOLATED** 24VAC. The Summit generator supplies isolated 24VAC. If you are using any other generator test to confirm isolation or use 24VDC to power.

DAMAGE to the collimator will result from using non-isolated 24VAC.

Spacers

For tubes with standard 53 mm spacing between focal spot to port and the standard S305 table, for normal installations the required 62 mm focal spot to mounting flange can be achieved using 4X spacers G881 (the platform is 3 mm thick). For any/all other tube/equipment combinations check specifications for proper mounting.



WARNING

For any screw installed, be sure to have a MINIMUM of 6 threads of engagement with the tube housing to ensure safe operation

Filter

Collimator filtration as shipped is 1.9 mm aluminum equivalence.

If HVL testing indicates that additional beam filtration is required--install the provided 0.5 mm aluminum HVL filter into the x-ray tube port. Peel tape backers off and stick to the port, aligning the labeled square corners to the square x-ray port opening.

Connections

Collimator Connector Pin	Color	Function	Generator Connections		
			Summit	Sedecal SHF Battery or Capacitor Discharge Generator	
				AC	DC
1	BLK	POWER (12-30 VAC or 12-45 VDC+)	C1	TB7-3	TB7-5

4	WHT	0V AC/DC	C2	TB7-4	TB7-6
2	RED	REMOTE LIGHT SW FOR COLLIMATOR (NO)	CSW1	TO REMOTE COLLIMATOR SWITCH (IF PRESENT)	
3	BRN	REMOTE LIGHT SW FOR COLLIMATOR (NO)	CSW2	TO REMOTE COLLIMATOR SWITCH (IF PRESENT)	
5	GRN	GND	GND	GND	GND



1 Cut conductors to remove crimped terminal, strip conductor 3/16" and connect to generator as indicated.