

07610-001, 07610-002

Hardware Kit for Ralco Collimators

Contents

4X M6x30 Flat Head Screws (BLACK; HAS01)
 4X M6x25 Flat Head Screws (SILVER; HAT07)
 4X Spacer, .06" Thick (G881)
 1X Filter Assembly (07562)
 1X Cable Assembly (07858) **(07610-001 Kit Only; For 07610-002 the collimator cable is normally factory-installed in the column assembly)**

Screws

Use the included M6x30 screws (BLACK) with 2-4 spacers (.12-.24" thickness additional to the platform or angulation box bracket). Two spacers (.12" thickness) are appropriate for most applications. M6x25 screws (SILVER) are included for use with no spacers or one spacer (0-.06" additional thickness) for large-tube applications with 56 or 60mm port-to-focal spot distance.

If you are using a Varian tube, some require 1/4-20 flat head screws not provided in this kit.





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

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 Markings		Color	Function	Generator Connections				
R108 Vet	R221 Medical			Summit	CPI 		Sedecal SHFR 	
					AC	DC	AC	DC
M1	1+	BLK	POWER (12-30 VAC or 12-45 VDC+)	C1	J11-6	J11-2	TS2-23	TS3-2
M2	2-	WHT	0V AC/DC	C2	J11-5	J11-1	TS2-24	TS3-8
M3	3	RED	REMOTE LIGHT SW FOR COLLIMATOR (NO)	CSW1	TO REMOTE COLLIMATOR SWITCH (IF PRESENT)			
M4	4	BRN	REMOTE LIGHT SW FOR COLLIMATOR (NO)	CSW2	TO REMOTE COLLIMATOR SWITCH (IF PRESENT)			
M6	5	GRN	GND	GND	GND	GND	GND	GND



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