	Component	Position rel. to source in z [cm]	Range in z [cm]
	- Source		
	- Al tube 1	17.8	0.0 - 35.6
	Collimator 1		5.0 - 6.0
	Scatter foil 1		8.0 - 8.0025
	- Shielding	64.8	0.0 - 139.6
	- Brass stopper	30.33	30.0 - 30.66
<del>   </del>	- Scatter foil 2	30.66125	30.66 - 30.6625
	- Kapton window	35.6025	35.6020 - 35.6030
	Al box 1	55.0	45.0 - 65.0
	- Iron block	66.25	65.0 - 67.5
-	- Al tube 2	87.5	65.0 - 110.0
	- Al box 2	139.6	110.0 - 169.2
	- Collimator 2	113.5	113.0 - 114.0
	- Dose monitor 1	117.15	115.0 - 119.0
	Dose monitor 2	124.55	122.4 - 126.4
	position is unk	has been placed arbit nown but is included tly included in the m	rarily because its for completeness
	- Nozzle	171.525	167.2 - 175.85