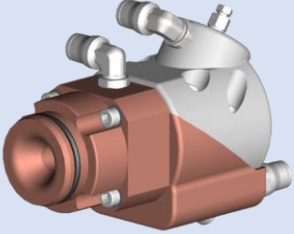
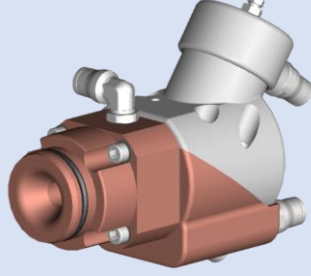
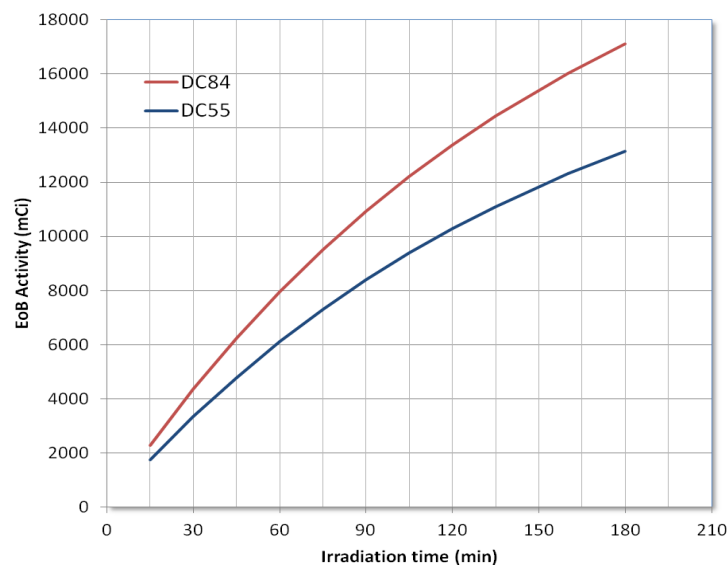


		CTL-DC55-AC	CTL-DC84-AC
			
Chamber material		Niobium for ^{18}F / Aluminum for ^{13}N	
Fill Volume	Port 1 (-25°)	4.5 mL	4.8 mL
	Port 2 ($+25^\circ$)	3.5 mL	3.8 mL
Dimensions (mm)		174 (L) x 64 (W) x 102 (H)	181 (L) x 64 (W) x 113 (H)
Water window material		HAVAR [®] , 35 μm	
Vacuum window material		HAVAR [®] , 12.5 μm	
^{18}F	Max Current	90 μA	120 μA
	Yield ¹ (2 hr)	10.3 Ci (381 GBq)	13.7 Ci (507 GBq)
	Sat Yield ¹	210 mCi/ μA (7.8 GBq/ μA)	215 mCi/ μA (8.0 GBq/ μA)
^{13}N	Max Current	70 μA	90 μA
	Yield ¹ (30 min)	0.9 Ci (33.3 GBq)	1.2 Ci (44.4 GBq)
	Sat Yield ¹	30 mCi/ μA (1.1 GBq/ μA)	30 mCi/ μA (1.1 GBq/ μA)
Radiometals	Options	Energy degraders and chemically inert fittings for production of radiometals using solutions.	

^{18}F Activity vs Irradiation time



¹ Yields may vary with each cyclotron system

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