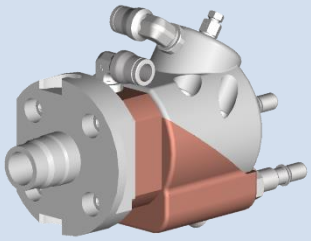
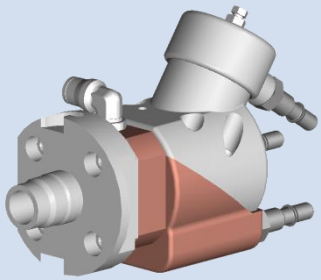
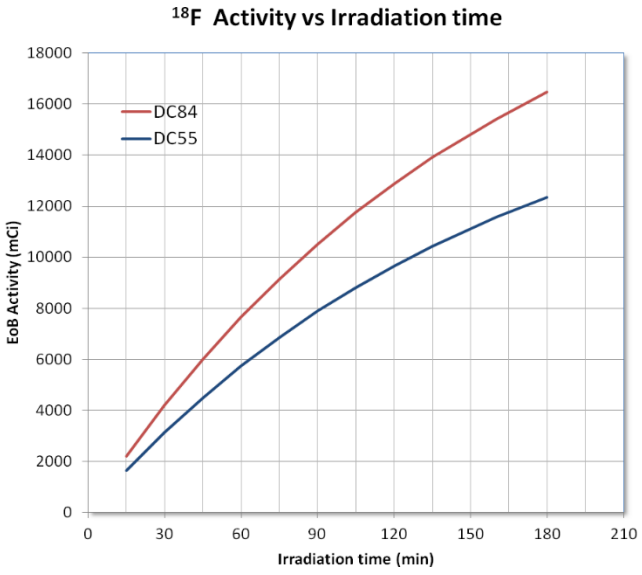
Liquid Targets for PETtrace Cyclotrons

		CTL-DC55-GEPT	CTL-DC84-GEPT
			
Chamber material		Niobium for ^{18}F / Aluminum for ^{13}N	
Fill Volume		3.5 mL	3.8 mL
Dimensions (mm)		187 (L) x 90 (W) x 102 (H)	187 (L) x 90 (W) x 112 (H)
Water window material		HAVAR®, 38 µm	
Vacuum window material		HAVAR®, 12.5 µm	
^{18}F	Max Current	100 µA	120 µA
	Yield[1] @ EoB (2 hr)	9.7 Ci (358 GB)	12.9 Ci (477 GBq)
^{13}N	Max Current	70 µA	70 µA
	Yield[1] @ EoB (30 m)	0.9 Ci (33.3 GBq)	0.9 Ci (33.3 GBq)
Radiometals	Options	Energy degraders and chemically inert fittings for production of radiometals using solutions.	



[1] Actual yield may vary considerably from specifications with each cyclotron system.

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