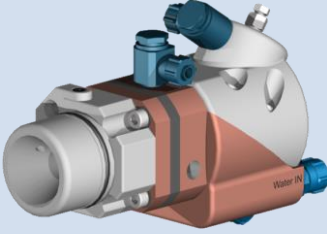
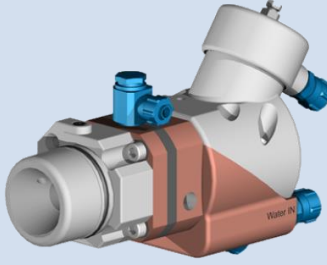
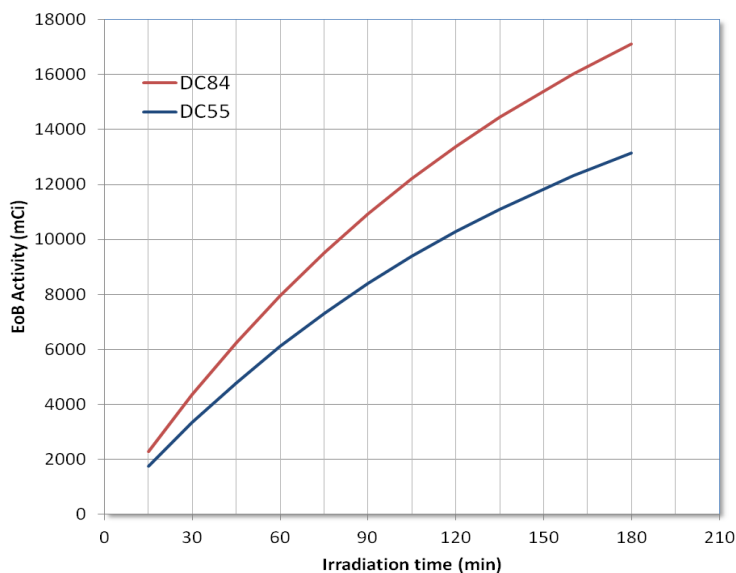


		CTL-DC55-IB	CTL-DC84-IB
			
<b>Chamber material</b>		Niobium for $^{18}\text{F}$ / Aluminum for $^{13}\text{N}$	
<b>Fill Volume</b>		3.5 mL	3.8 mL
<b>Dimensions (mm)</b>		174 (L) x 64 (W) x 102 (H)	181 (L) x 64 (W) x 113 (H)
<b>Water window material</b>		HAVAR®, 35 $\mu\text{m}$	
<b>Vacuum window material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

**$^{18}\text{F}$  Activity vs Irradiation time**



<sup>1</sup> Yields may vary with each cyclotron system

Stracotek reserves the right to change, add, suspend, cancel, remove or otherwise modify the products offered on this brochure at any time without prior notice or obligation.