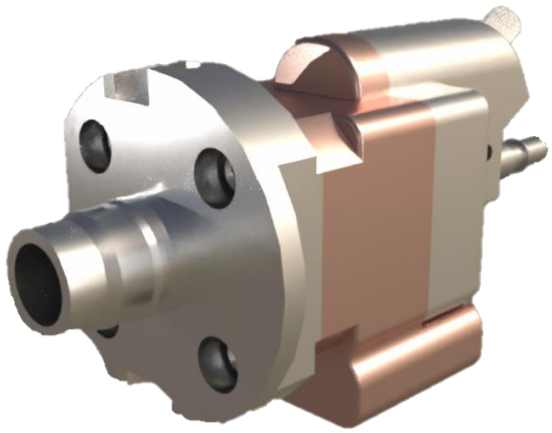
CTLH-DC70-GEPT



	^{18}F	^{13}N
Max Current	130 µA	70 µA
Yield[1]	13.8 Ci (511 GB)	1.3 Ci (48 GBq)
Sat Yield	200 mCi/µA (7.4 GBq/µA)	27 mCi/µA (1.0 GBq/µA)
Fill Volume	3.0-4.5 mL	3.0-5.0 mL
Chamber volume	6.9 mL	6.9 mL
Chamber material	Niobium 99.8+ %	Aluminum
Body material	Aluminum	Aluminum
Window material	HAVAR®, 38 µm	
Dimensions (mm)	162 (L) x 63 (W) x 80 (H)	
Foil cooling media	He cooling NOT REQUIRED	
Chamber cooling media	Re-circulating deionized water	
Chamber cooling media	< 10 °C	
Chamber cooling flow	> 10 LPM	
Water cooling Tube size	3/8" OD	
Media Fittings	10-32 UNF	

This target is fully compatible with the GE PETtrace cyclotron target ports. It does not require Helium cooling. Ask for energy degraders for production of radiometals.

[1] Reported yield corresponds to a bombardment time of 2 hours for ^{18}F and 30 min for ^{13}N. Yield may vary with each cyclotron system beam characteristics.

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

Ordering information

Description	Part Number
^{18}F target, DC70 for GE PETtrace Cyclotrons, Niobium chamber.	CTLH-DC70-GEPT-NB
^{13}N target, DC70 for GE PETtrace Cyclotrons, Niobium chamber.	CTLH-DC70-GEPT-AL
Radiometals Solution target, DC70 for GE PETtrace Cyclotrons, Niobium chamber.	CTLH-DC70-GEPT-RMS
Target rebuild kit for CTLH-DC70-GEPT-NB ^{18}F targets	TRK-CTLH-DC70-GEPT-TA
Target rebuild kit for CTLH- DC70-GEPT-AL ^{13}N targets	TRK- CTLH-DC70-GEPT-AL
Target installation kit for CTLH- DC70-GEPT-xx targets	TIK-CTLH-SC70-GEPT
Window cooler extraction tool	CTLH-TL-DFC
O-ring pick tool	CTL-TL-OSP

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