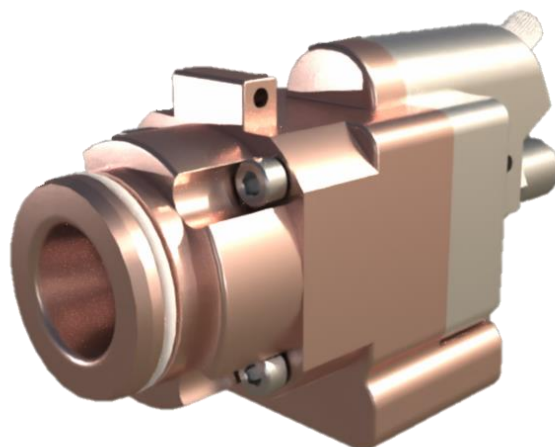


CTLH-DC70-AC



	¹⁸ F	¹³ N
Max Current	125 μ A	70 μ A
Yield ¹	14 Ci (518 GB)	1.5 Ci (55 GBq)
Sat Yield	230 mCi/ μ A (8.5 GBq/ μ A)	27 mCi/ μ A (1.0 GBq/ μ A)
Fill Volume	3.0–4.5 mL	3.0–5.0 mL
Chamber volume	6.8 mL	6.8 mL
Chamber material	Niobium 99.8+ %	Aluminum
Body material	Aluminum	Aluminum
Window material	HAVAR®, 38 μ m	
Dimensions (mm)	144 (L) x 53 (W) x 82 (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 ACS Inc TR cyclotron target ports. It does not require Helium cooling. Ask for energy degraders for production of radiometals.

¹ Reported yield correspond to a bombardment time of 1 half-live for ¹⁸F and 3 half-lives for ¹³N. 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 on this brochure at any time without prior notice or obligation.

Ordering information

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