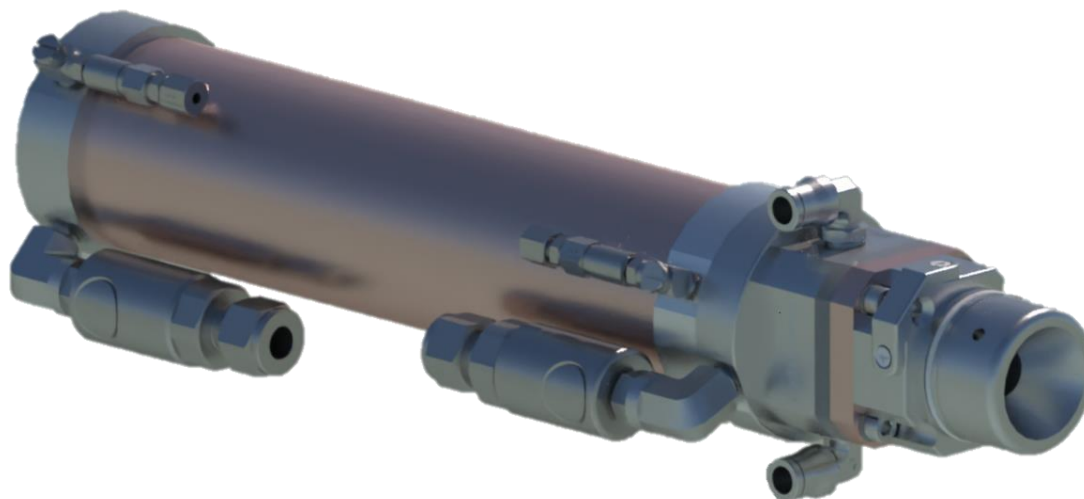


CTG-CN250-GEPT

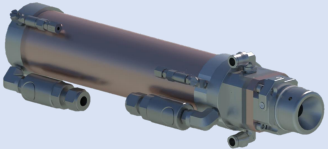


Construction	Chamber material	Aluminum
	Chamber shape	conical
	Chamber length	250 mm
	Chamber diameter	12–26 mm
	Chamber volume	67 mL
	Window material	HAVAR®, 35 µm
	Physical dimensions	347 (L) x 45 (W) x 91 (H)
	Weight	2.15 Kg
Operating parameters	Beam current	≤ 70 µA
	Pressure	≤ 30 bar (435 psi)
	Chamber cooling	Recirculating DI water, < 15 °C, 5 lpm
	Window cooling	Recirculating He, < 15 °C, 100 lpm
Production parameters	Radioisotope	¹¹ CO ₂
	Media	N ₂ (6.0) + 1% O ₂ (4.7)
	Fill pressure	12 bar (174 psi)
	Yield (3 T _{1/2})	6.0 Ci (222 GBq)
	Sat Yield ¹	100 mCi/µA (3.7 GBq/µA)

¹ 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	Image
^{11}C target for IBA Cyclone 18 Cyclotrons.	CTG-CN250-IBC	
Target rebuild kit for CTG-CN250-IBC ^{11}C targets	TRK-CTG-CN250-IBC-TA	
Beam burn tool for IBA Cyclone 18 Cyclotrons, 250 mm long.	CT-BBL-IBC	
Beam Burn cardboard target, 25 mm x 50 mm	CT-BBP-25W50L	
Metric Allen Wrench 4 MM	CTL-TL-THK-M4	
O-ring pick tool	CTL-TL-OSP	