

BestTM Cyclotron Systems

Best Cyclotron Systems for PET/SPECT/Research

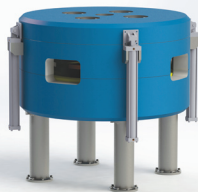


Cyclotron	Energy (MeV)	Isotopes Produced
Best 15	15	¹⁸ F, ^{99m} Tc, ¹¹ C, ¹³ N, ¹⁵ O, ⁶⁴ Cu, ⁶⁷ Ga, ¹²⁴ I, ¹⁰³ Pd
Best 20u/25	20, 25–15	Best 15 + ¹²³ I, ¹¹¹ In, ⁶⁸ Ge/ ⁶⁸ Ga
Best 30u (Upgradeable)	30	Best 15 + ¹²³ I, ¹¹¹ In, ⁶⁸ Ge/ ⁶⁸ Ga
Best 35	35–15	Greater production of Best 15, 20u/25 isotopes plus ²⁰¹ Tl, ⁸¹ Rb/ ⁸¹ Kr
Best 70	70–35	⁸² Sr/ ⁸² Rb, ¹²³ I, ⁶⁷ Cu, ⁸¹ Kr + research

For a Broader Range of Isotopes

Best 20u/25

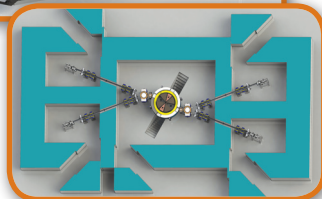
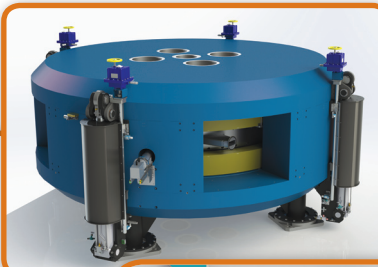
- 20 MeV fixed or 25–15 MeV variable energy H⁻ cyclotron
- 400 μA extracted beam current
- Higher currents available upon request
- 2 simultaneous extracted beams
- 4 target positions



Ideal for Sr-82/Rb-82 Supply & Research

Best 70

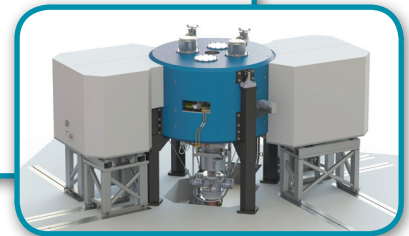
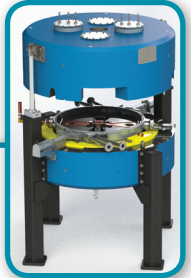
- 70–35 MeV variable energy H⁻ cyclotron
- 700 μA extracted beam current
- Higher currents available upon request (1000 μA)
- 2 simultaneous extracted beams
- Multiple independent beam lines and target positions



Ideal for FDG & Tc-99m Supply

Best 15

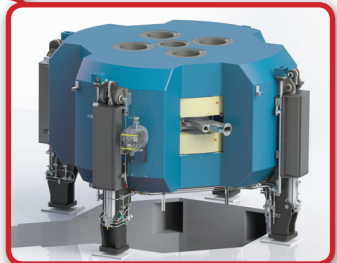
- 15 MeV fixed energy H⁻ cyclotron
- External ion source
- 400 μA extracted beam current
- Higher currents available upon request
- 2 simultaneous extracted beams
- 4 target positions



The World's ONLY Upgradeable Cyclotron

Best 30u

- 30 MeV fixed energy H⁻ cyclotron
- 400 μA combined beam current
- 2 simultaneous extracted beams
- 4 target positions
- Fully upgradeable to Best 35



Best 35

- 35–15 MeV variable energy H⁻ cyclotron
- 800 μA extracted beam current
- Higher currents available upon request (1000 μA)
- 2 simultaneous extracted beams
- Up to 6 independent beam lines and target positions

Specifications within are subject to change.

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