



BestTM Cyclotron Systems

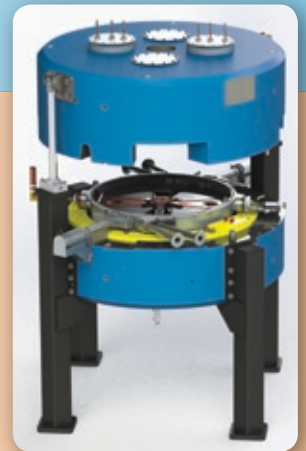
NEW! Best Model 200 Sub-Compact Self-Shielded Cyclotron with Optional Second Chemistry Module & Novel Target

- Low energy compact system, can be placed next to PET/CT
- Easy to operate push-button graphic interface
- Automated quality control testing
- Ideal for Nuclear Cardiology/Oncology and other Applications
- Capable of producing: ¹⁸F-DG, Na¹⁸F, ¹⁸F-MISO, ¹⁸FLT, ¹⁸F-Choline, ¹⁸F-DOPA, ¹⁸F-PSMA, ¹¹C, ¹³N, ⁶⁸Ga and more!



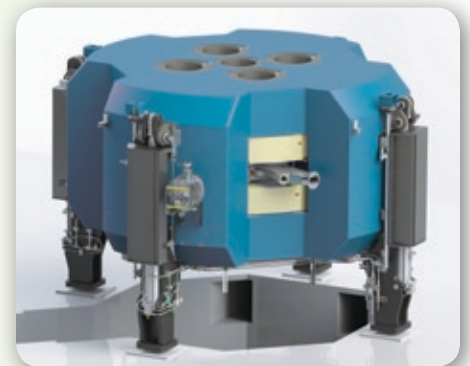
NEW! Best Model B3d Sub-Compact Low Energy Deuteron/Proton Cyclotron

- Accelerated Deuteron Particle: 1 to 3 MeV Energy
- Accelerated Proton Particle: 1 to 6 MeV Energy
- Maximum Beam Current of 2 μ A
- Self-shielded system
- Small footprint (less than 5 m x 5 m)



NEW! Best 6–15 MeV Compact High Current/Variable Energy Proton Cyclotron

- 1–1000 μ A extracted beam current
- Capable of producing the following isotopes: ¹⁸F, ⁶⁸Ga, ⁸⁹Zr, ^{99m}Tc, ¹¹C, ¹³N, ¹⁵O, ⁶⁴Cu, ⁶⁷Ga, ¹¹¹In, ¹²⁴I, ²²⁵Ac, ¹⁰³Pd and more!
- Up to 5×10^{13} neutrons per second from external target
- 21 stripping foils at each stripping port for 2 minute rapid change



NEW! Best Model B35adp Alpha/Deuteron/Proton Cyclotron for Medical Radioisotope Production & Other Applications

- Proton Particle Beam: 1000 μ A Beam Current up to 35 MeV Energy
- Deuteron Particle Beam: 500 μ A Beam Current up to 15 MeV Energy
- Alpha Particle Beam: 200 μ A Beam Current up to 35 MeV Energy

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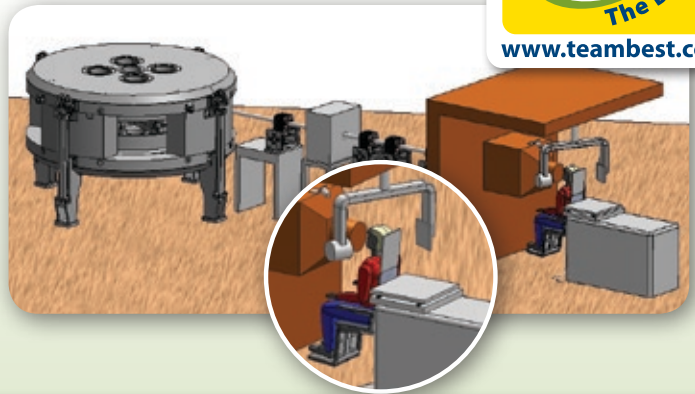
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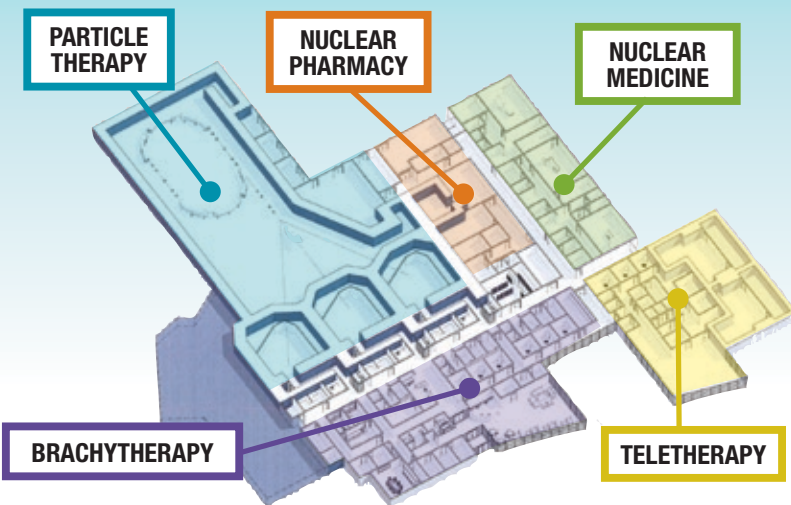
NEW! Best Model 150p Cyclotron for Proton Therapy (Patent Pending)

- From 70 MeV up to 150 MeV
- Dedicated for Proton Therapy with two beam lines & two treatment rooms
- For all Medical Treatments including: Benign & Malignant Tumors, Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis/Ablation, etc.



NEW Best Model 200	1–9 MeV	Low energy, self-shielded compact system capable of producing: ^{18}F FDG, Na^{18}F , ^{18}F -MISO, ^{18}F FLT, ^{18}F -Choline, ^{18}F -DOPA, ^{18}F -PSMA, ^{11}C , ^{13}N , ^{68}Ga and more!
NEW Best Cyclotrons	1–3 MeV	Deuterons for materials analysis (Patent Pending)
	70–150 MeV	For Proton Therapy (Patent Pending)
	3–90 MeV	High current proton beams for neutron production and delivery (Patent Pending)
Best 15p Cyclotron	1–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 20u/25p Cyclotrons	20, 15–25 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 35p/35adp Cyclotrons	15–35 MeV	Proton or alpha/deuteron/proton, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 70p Cyclotron	35–70 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 150p Cyclotron	From 70 MeV up to 150 MeV	For all Medical Treatments including Benign and Malignant Tumors, Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis/Ablation, etc. (Patent Pending)

Best Particle Therapy 400 MeV ion Rapid Cycling Medical Synchrotron (iRCMS) for Proton-to-Carbon, Variable Energy Heavy Ion Therapy, with or without Gantries — Single and Multi-Room Solutions



- Intrinsically small beams facilitating beam delivery with precision
- Small beam sizes – small magnets, light gantries – smaller footprint
- Highly efficient single turn extraction
- Flexibility – heavy ion beam therapy (protons and/or carbon), beam delivery modalities



BEST RADIATION THERAPY & DIAGNOSTIC CENTER

ion Rapid Cycling Medical Synchrotron (iRCMS) Racetrack