

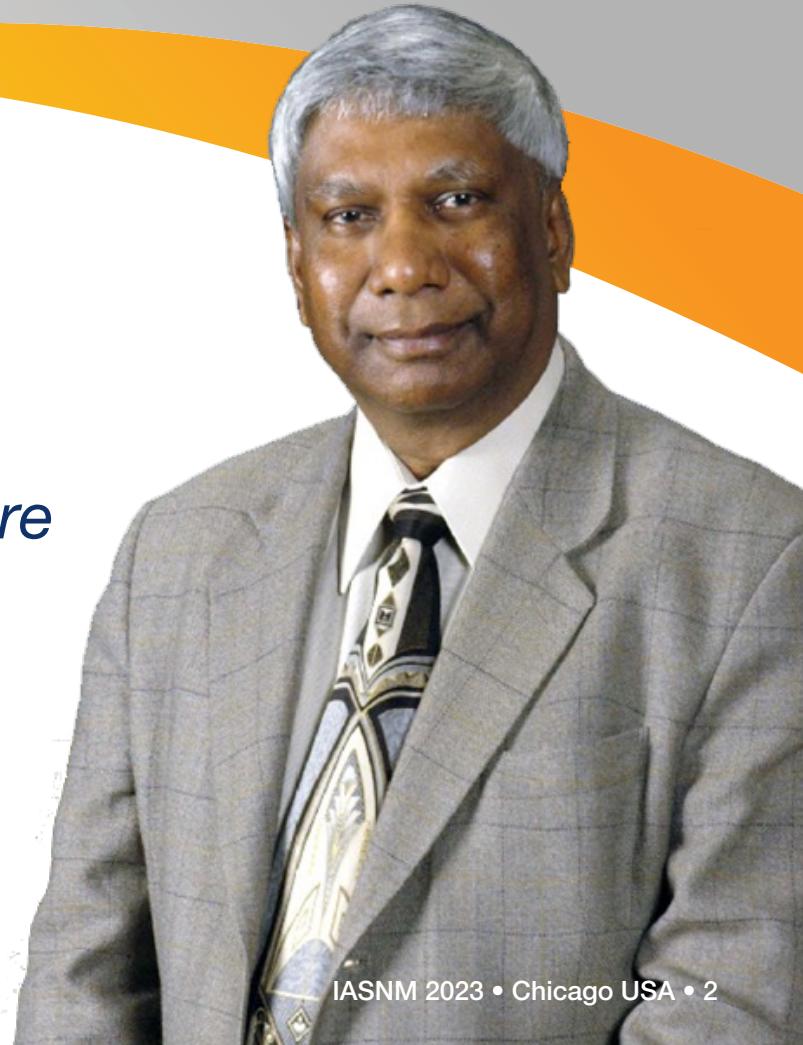
The Future of Theranostics



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BestTM Cyclotron Systems

A TEAM BEST GLOBAL COMPANY

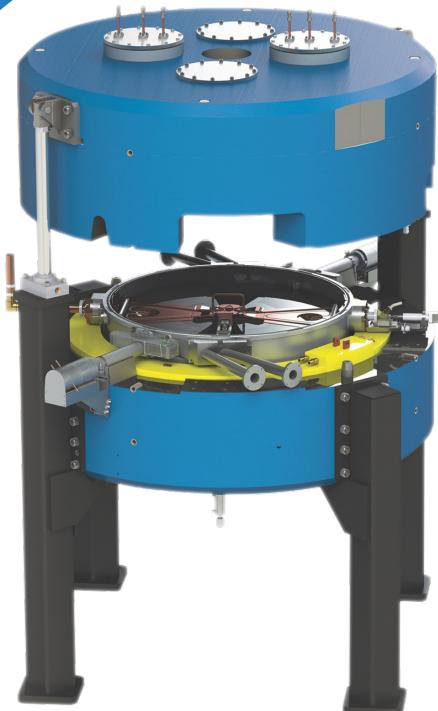




BG-95 Sub-Compact Self-Shielded Cyclotron w/Optional Second Chemistry Module & Novel Target

- 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: ^{18}FDG , Na^{18}F , $^{18}\text{F-MISO}$, ^{18}FLT , $^{18}\text{F-Choline}$, $^{18}\text{F-DOPA}$, $^{18}\text{F-PSMA}$, ^{13}N and ^{68}Ga





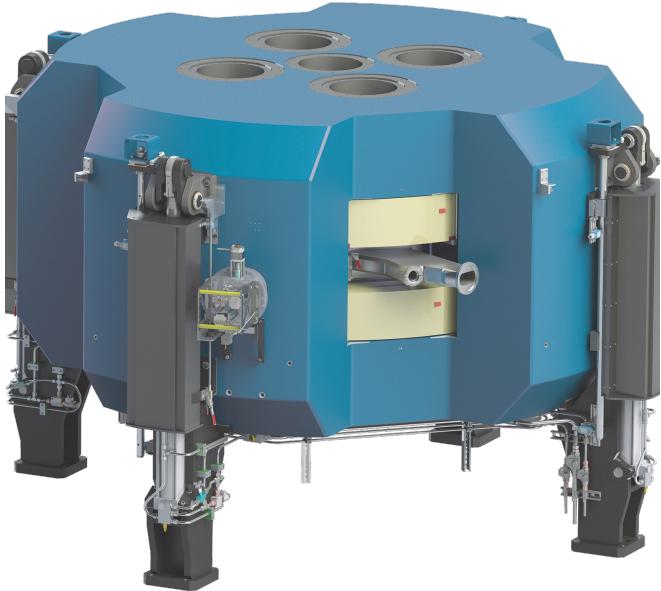
B6–15 MeV Compact High Current/Variable Energy Proton Cyclotron

- 1–1000 μA extracted beam current
- Capable of producing the following isotopes: ^{18}F , ^{68}Ga , ^{89}Zr , $^{99\text{m}}\text{Tc}$, ^{11}C , ^{13}N , ^{15}O , ^{64}Cu , ^{67}Ga , ^{111}In , ^{124}I , ^{225}Ac and ^{103}Pd
- Up to 5×10^{13} neutrons per second from external target



B25u Upgradeable to B35adp Cyclotron for Medical Radioisotopes Production & Other Applications

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



B35 Cyclotron for Medical Radioisotopes Production & Other Applications

- 35 MeV variable energy H- cyclotron
- 2 simultaneous extracted beams
- Capable of high current up to 1000 μA
- 15-35 MeV variable energy extraction



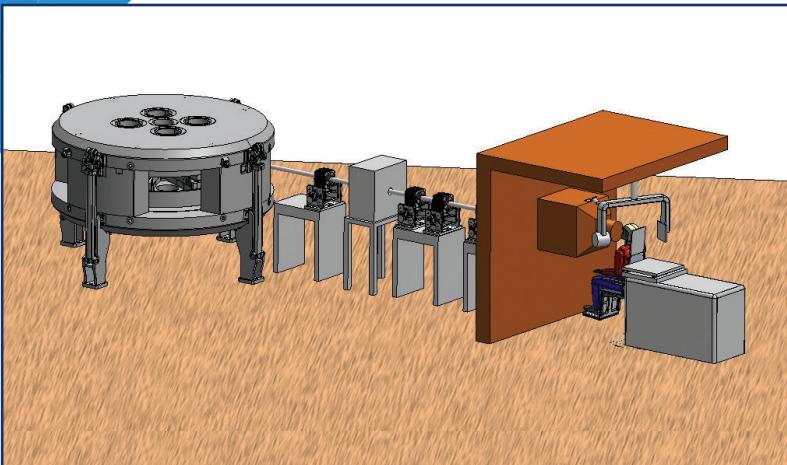
B-70 MeV Cyclotron Ideal for Sr-82/Rb-82 Supply and Research

- 35-70 MeV variable energy H- cyclotron
- 700 μ A extracted beam current (upgradable to 1000 μ A)
- 2 simultaneous extracted beams
- Multiple independent beam lines and target positions

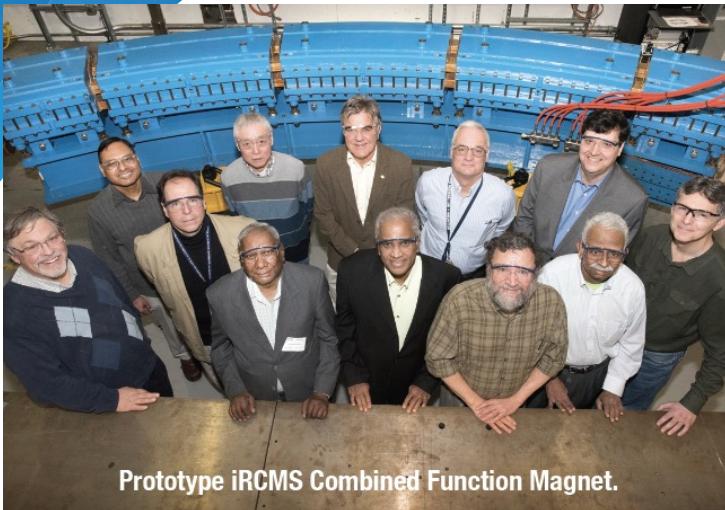


Best Model 200p Cyclotron for Proton Therapy (Patent Pending)

- From 70 MeV up to 200 MeV Non-Variable Energy
- Dedicated for Proton Therapy with two beam lines and two treatment rooms
- For all Medical Treatments including: Benign and Malignant Tumors, Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis/Ablation, etc.



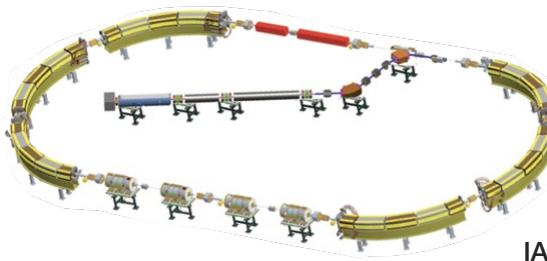
BG-95	1-9.5 MeV	Low energy, self-shielded compact system capable of producing: ^{18}FDG , Na^{18}F , $^{18}\text{F-MISO}$, ^{18}FLT , $^{18}\text{F-Choline}$, $^{18}\text{F-DOPA}$, $^{18}\text{F-PSMA}$, ^{11}C , ^{13}N , ^{68}Ga and $^{99\text{m}}\text{Tc}$
NEW Best Cyclotrons	1–3 MeV	Deuterons for materials analysis*
	70-200 MeV	For Proton Therapy*
	3–90 MeV	High current proton beams for neutron production and delivery*
B6-15 Cyclotron	1–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
B25 Cyclotron	20, 15–25 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
B25u–35adp Cyclotron	25–35 MeV	Proton or alpha/deuteron/proton, capable of high current up to 1000 Micro Amps, for medical radioisotopes
B35 Cyclotron	35 MeV	Proton only system for medical radioisotopes production
B70/70adp Cyclotron	35–70 MeV	Proton only or alpha/deuteron/proton systems, capable of high current up to 1000 Micro Amps, for medical radioisotopes



Prototype iRCMS Combined Function Magnet.

ion Rapid Cycling Medical Synchrotron (iRCMS) Racetrack

- 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



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For more information about
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the Best Cure Foundation or TeamBest
Global Companies, please visit
www.teambest.com

