

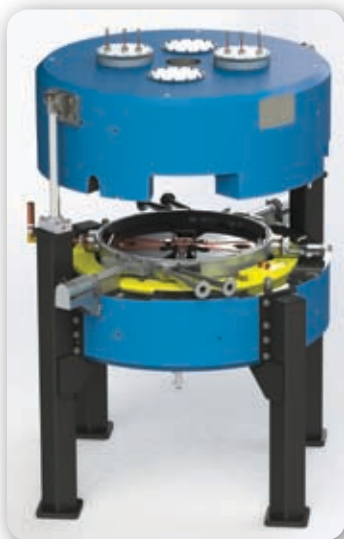
Best Cyclotron Systems

TEAMBEST GLOBAL™



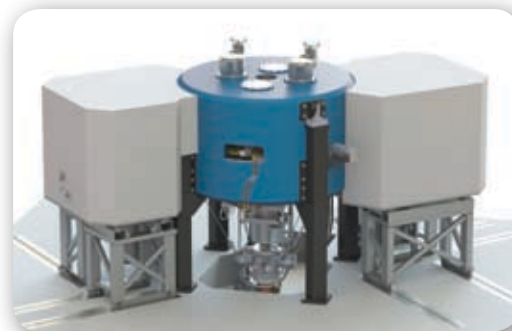
www.teambest.com

Best Cyclotron Systems offers a large family of cyclotron designs with a broad energy range from 1 MeV to 150 MeV that can be configured and optimized for different applications.



NEW! Best 15p 6–15 MeV Variable Energy Cyclotron*

- 1–1000 μ A 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
- Simultaneous ^{18}F and ^{68}Ga at high yield
- Up to 5×10^{13} neutrons per second from external target
- 21 stripping foils at each stripping port for 2 minute rapid change

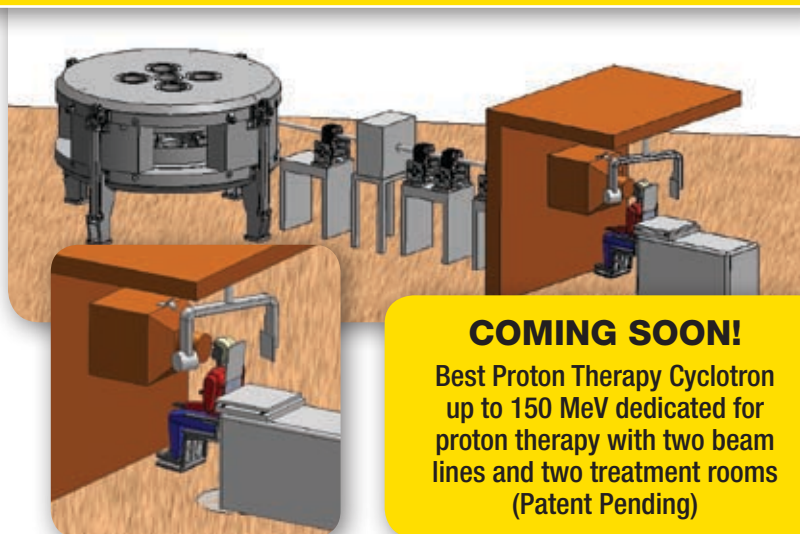


*Patent Pending

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	15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 20u/25p Cyclotrons	20, 25–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 30u/35p Cyclotrons	30, 35–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 70p Cyclotron	70–35 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 (non-variable)	For all Medical Treatments including Benign and Malignant Tumors for Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis /Ablation, etc. (Patent Pending)



Installation of Best 70 MeV Cyclotron at INFN, Legnaro, Italy



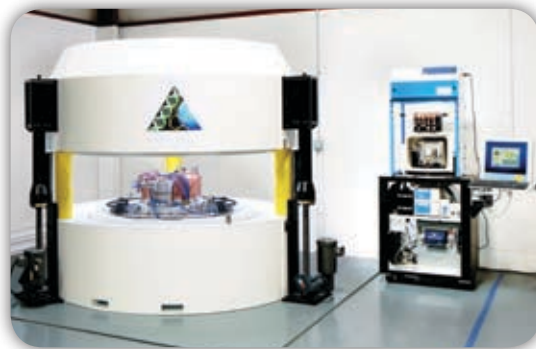
COMING SOON!

Best Proton Therapy Cyclotron up to 150 MeV dedicated for proton therapy with two beam lines and two treatment rooms (Patent Pending)

BestTM ABT Molecular Imaging

Best BG-75 BioMarker Generator

- Push button graphic interface
- Single or batch dose production
- Capable of producing: ^{18}F FDG, Na^{18}F , ^{18}F -MISO, ^{18}F FLT, ^{18}F -Choline, ^{18}F -DOPA and ^{18}F -PSMA
- Final dose delivery to syringe or vial
- Automated quality control testing
- Integrated cyclotron and chemistry self-shielding
- Complete production lab in a 5 x 5 m area

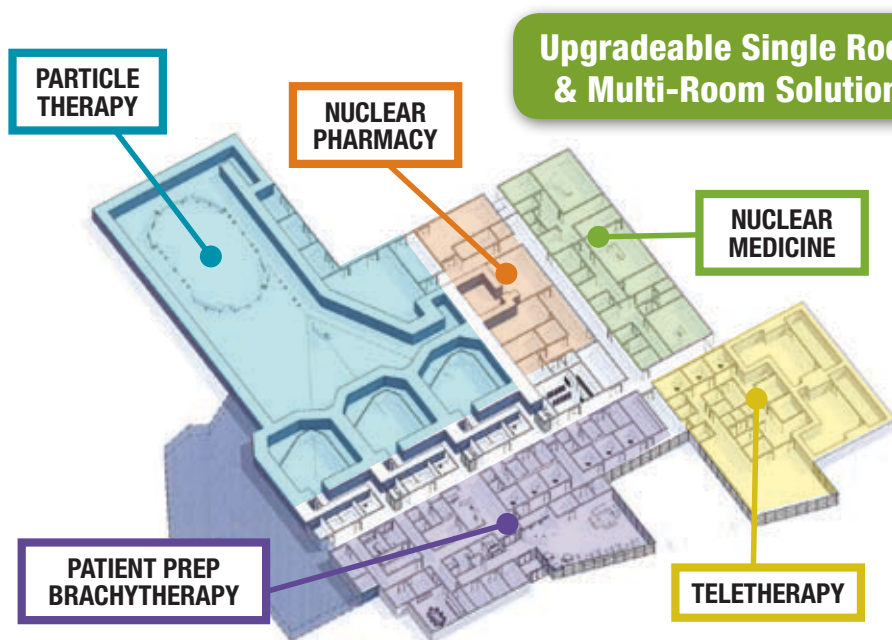


NEW! Best BG-95 BioMarker Generator (Patent Pending)

- Low Energy Compact System
- Self Shielding
- Easy to operate
- Very little maintenance
- Capable of producing the following isotopes: ^{18}F , ^{11}C , ^{13}N and ^{68}Ga
- Ideal for Nuclear Cardiology and other Medical Applications



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



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



BEST RADIATION THERAPY & DIAGNOSTIC CENTER

ion Rapid Cycling Medical Synchrotron (iRCMS) Racetrack

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AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA