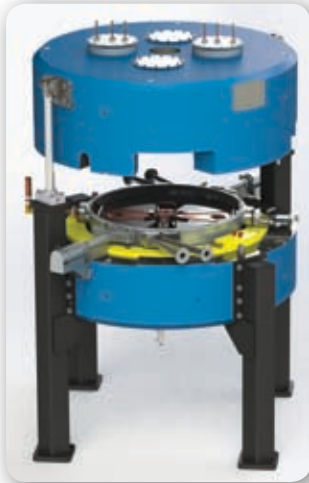




TeamBest Global Cyclotron installations list is available at:
<http://www.bestcyclotron.com/about.html>



NEW! Best Compact Cyclotron 6–15 MeV Variable Energy (Patent Pending)

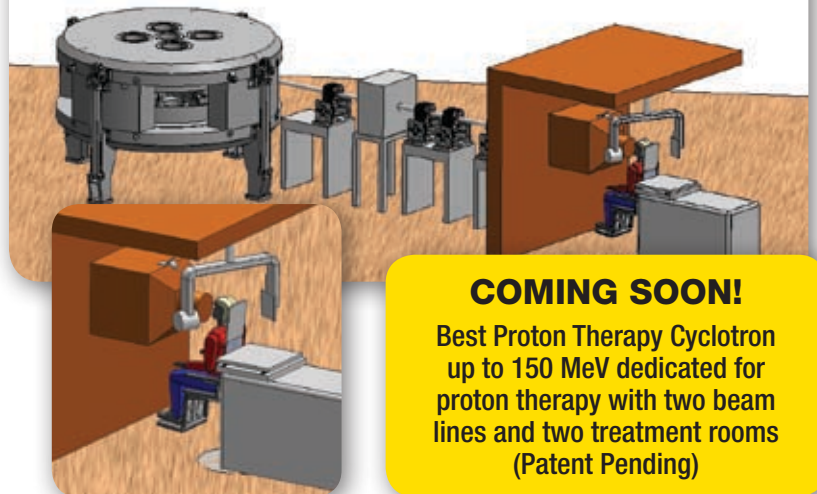
- 1–1000 μ A extracted beam current
- Capable of producing the following isotopes: ^{18}F , ^{68}Ga , ^{89}Zr , $^{99\text{m}}\text{Tc}$, ^{11}C , ^{13}N , ^{15}O , ^{64}Cu , ^{67}Ga , ^{111}In , ^{124}I , ^{225}Ac , ^{103}Pd and more!
- Simultaneous ^{18}F and ^{68}Ga at high yield
- Up to 5×10^{13}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



| | | |
|-------------------------|--|--|
| 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!

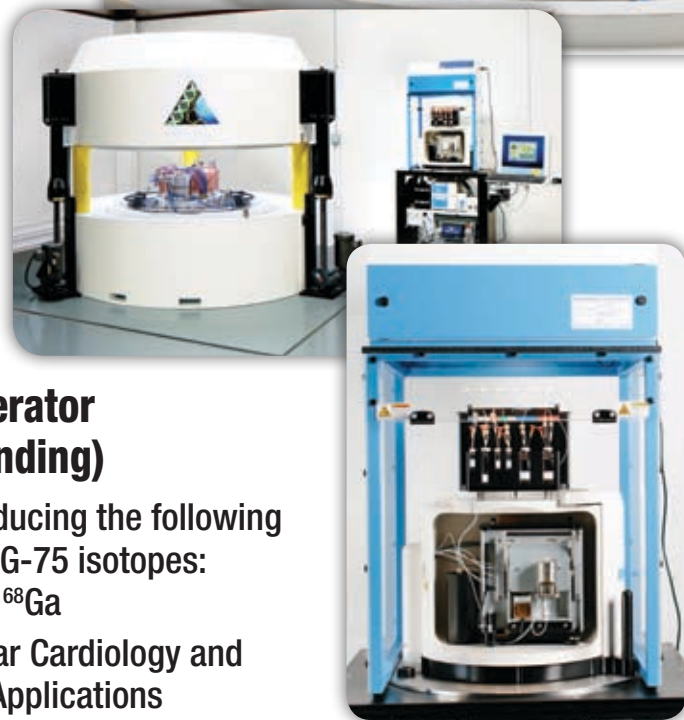
Best Proton Therapy Cyclotron up to 150 MeV dedicated for proton therapy with two beam lines and two treatment rooms (Patent Pending)

Best BG-75 BioMarker Generator with Best Chemistry Box II Option (Patent Pending)

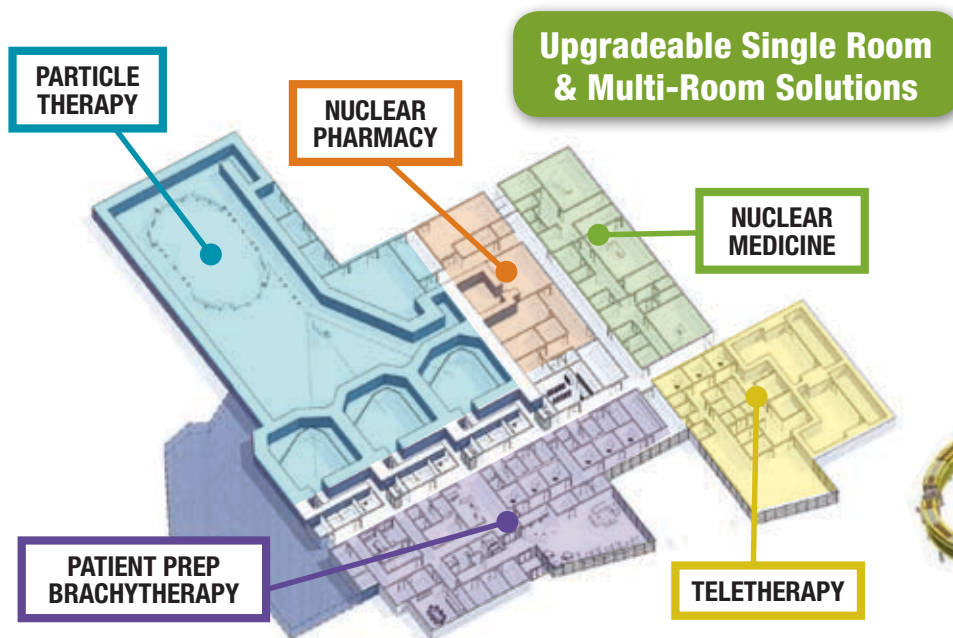
- Push button graphic interface
- Single or batch dose production
- Capable of producing: ^{18}F FDG, Na^{18}F , ^{18}F -MISO, ^{18}F FLT, ^{18}F -Choline, ^{18}F -DOPA, ^{18}F -PSMA and more!
- Final dose delivery to syringe or vial
- Automated quality control testing
- Integrated cyclotron and chemistry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

NEW! Best Sub-Compact 200 BioMarker Generator with Best Chemistry Box II Option (Patent Pending)

- Low Energy Compact System
- Self Shielding
- Easy to operate
- Very little maintenance
- Capable of producing the following in addition to BG-75 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