The Future of Flash Therapy, Particle Therapy & Theranostics

Best® Cyclotron Systems, Inc.

Flash Therapy in 1975
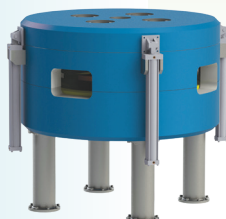

Flash Therapy Now

NEW! BG-95 Sub-Compact Self-Shielded Cyclotron with Optional Second Chemistry Module and 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}F-MISO, ^{18}FLT, ^{18}F-Choline, ^{18}F-DOPA, ^{18}F-PSMA, ^{13}N and ^{68}Ga

## NEW! Best 6–15 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, ^{99m}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
- 21 stripping foils at each stripping port for 2 minute rapid change

NEW! Best Model B25p Cyclotron

- 25 and 20 MeV fixed energy H- cyclotron
- 400 µA extracted proton beams
- 2 simultaneous extracted beams
- 4 target positions

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Best™ *Cyclotron Systems*

NEW! Best Model B35adp Alpha/Deuteron/Proton Cyclotron for Medical Radioisotope Production and 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

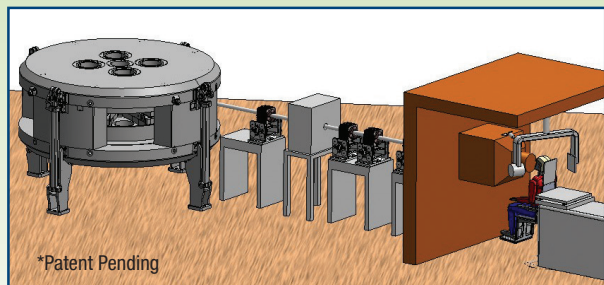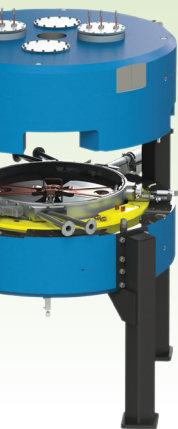Installation of Best 70 MeV Cyclotron at INFN, Legnaro, Italy
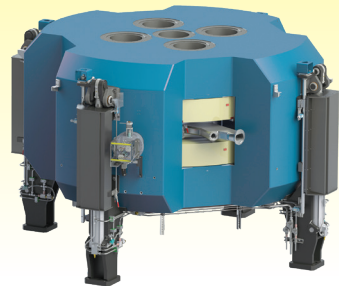
B70 MeV Cyclotron Ideal for Sr-82/ Rb-82 & Other Radioisotopes Production

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

NEW! Best Model 200p Cyclotron for Proton Therapy*

- 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.

*Patent Pending

*Some products shown are under development and not available for sale currently.

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