



## Best B100 Self-Shielded Cyclotron with Optional Second Chemistry Module

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

## **NEW!** Best Sub-Compact Model BG-95 Self-Shielded Cyclotron with Optional Second Chemistry Module

- Low energy compact system, can be placed next to PET/CT
- Integrated self-shielded cyclotron and chemistry module
- Easy to operate push-button graphic interface
- Capable of producing:  $^{18}\text{F}$ FDG,  $\text{Na}^{18}\text{F}$ ,  $^{18}\text{F}$ -MISO,  $^{18}\text{F}$ FLT,  $^{18}\text{F}$ -Choline,  $^{18}\text{F}$ -DOPA,  $^{18}\text{F}$ -PSMA,  $^{13}\text{N}$  and  $^{68}\text{Ga}$
- Ideal for Nuclear Cardiology/Oncology and other applications

[www.bestabt.com](http://www.bestabt.com)    [www.teambest.com](http://www.teambest.com)

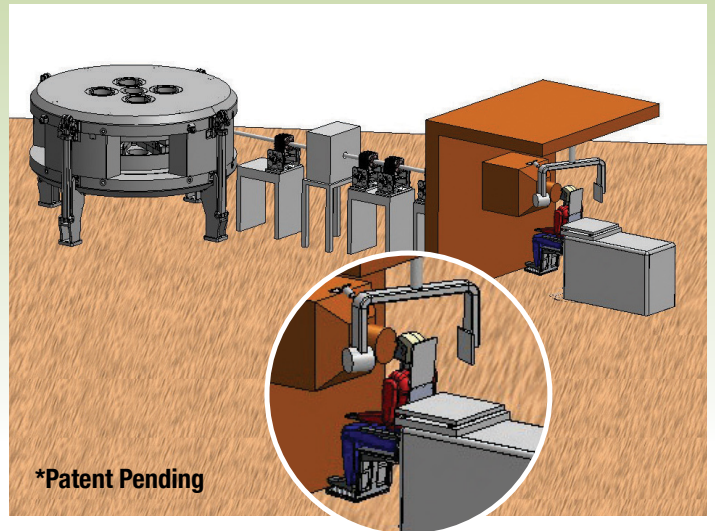
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# Best Cyclotron Systems, Inc.

## 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 & Malignant Tumors, Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis/Ablation, etc.



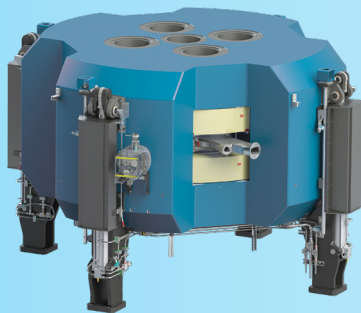
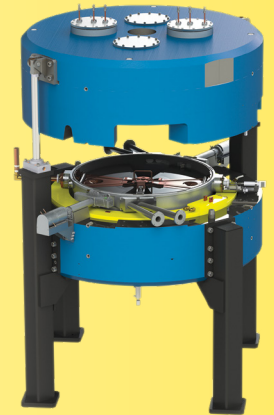
\*Patent Pending

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



## NEW! B25u Upgradeable to 35adp Cyclotron for Medical Radioisotopes Production and Other Applications

- Proton Particle Beam: 1000  $\mu\text{A}$  Beam Current; 25MeV upgradeable up to 35 MeV Energy
- Deuteron Particle Beam: 500  $\mu\text{A}$  Beam Current up to 15 MeV Energy
- Alpha Particle Beam: 200  $\mu\text{A}$  Beam Current up to 35 MeV Energy

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

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