

Best™ ABT Molecular Imaging

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

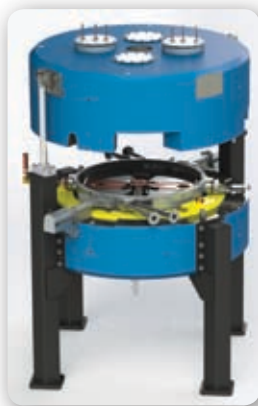
NEW! Best Sub-Compact Model 200 BioMarker Generator with optional second Chemistry Box (Patent Pending)

- Ideal for Nuclear Cardiology and other Medical Applications
- Capable of producing: ^{18}F FDG, Na^{18}F , ^{18}F -MISO, ^{18}F FLT, ^{18}F -Choline, ^{18}F -DOPA, ^{18}F -PSMA, ^{11}C , ^{13}N , ^{68}Ga and more!
- Low energy compact system that requires very little maintenance
- Easy-to-operate push button graphic interface
- Single or batch dose production — final dose delivery to syringe or vial
- Automated quality control testing
- Integrated self-shielded cyclotron and chemistry box



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)
Best iRCMS 400 MeV Synchrotron	Variable energy up to 400 MeV	Rapid Cycling Medical Synchrotron for Proton-to-Carbon Heavy Ion Therapy

Best™ Cyclotron Systems



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

- 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 , ^{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



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