

# Best<sup>TM</sup> ABT Molecular Imaging

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

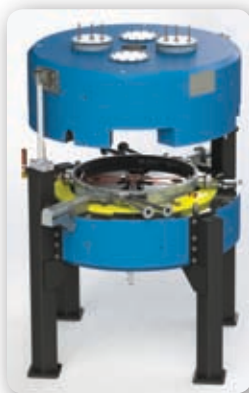
## NEW! Best Sub-Compact Model 200 BioMarker Generator with Optional Second Chemistry Box (Patent Pending)

- Ideal for Nuclear Cardiology and other Medical Applications
- Capable of producing: <sup>18</sup>F-DG, Na<sup>18</sup>F, <sup>18</sup>F-MISO, <sup>18</sup>FLT, <sup>18</sup>F-Choline, <sup>18</sup>F-DOPA, <sup>18</sup>F-PSMA, <sup>11</sup>C, <sup>13</sup>N, <sup>68</sup>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



<b>NEW Best Cyclotrons</b>	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)
<b>Best 15p Cyclotron</b>	<b>15 MeV</b>	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
<b>Best 20u/25p Cyclotrons</b>	<b>20, 25–15 MeV</b>	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
<b>Best 30u/35p Cyclotrons</b>	<b>30, 35–15 MeV</b>	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
<b>Best 70p Cyclotron</b>	<b>70–35 MeV</b>	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
<b>Best 150p Cyclotron</b>	<b>From 70 MeV up to 150 MeV (non-variable)</b>	For all Medical Treatments including Benign and Malignant Tumors for Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis /Ablation, etc. (Patent Pending)
<b>Best iRCMS 400 MeV Synchrotron</b>	<b>Variable energy up to 400 MeV</b>	Rapid Cycling Medical Synchrotron for Proton-to-Carbon Heavy Ion Therapy

## Best<sup>TM</sup> 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: <sup>18</sup>F, <sup>68</sup>Ga, <sup>89</sup>Zr, <sup>99m</sup>Tc, <sup>11</sup>C, <sup>13</sup>N, <sup>15</sup>O, <sup>64</sup>Cu, <sup>67</sup>Ga, <sup>111</sup>In, <sup>124</sup>I, <sup>225</sup>Ac, <sup>103</sup>Pd and more!
- Simultaneous <sup>18</sup>F and <sup>68</sup>Ga at high yield
- Up to 5 x 10<sup>13</sup> neutrons per second from external target
- 21 stripping foils at each stripping port for 2 minute rapid change

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