Visit us at IPAC 2019 • Booth #J4 • May 19–24th, Melbourne, Australia

Best™ Cyclotron Systems

One World • One Source • The Best! •
healthcare for everyone
TeamBest®
Your True Partner

Best Cyclotron Systems provides 15/20/25/30/35/70 MeV Proton Cyclotrons as well as 35 & 70 MeV Multi-Particle (Alpha, Deuteron & Proton) Cyclotrons

- Currents from 100uA to 1000uA (or higher) depending on the particle beam are available on all BCS cyclotrons
- Best 20u to 25 and 30u to 35 are fully upgradeable on site

Cyclotron	Energy (MeV)	Isotopes Produced
Best 15	15	^{18}F, ^{99m}Tc, ^{11}C, ^{13}N, ^{15}O, ^{64}Cu, ^{67}Ga, ^{124}I, ^{103}Pd
Best 20u/25	20, 25–15	Best 15 + ^{123}I, ^{111}In, ^{68}Ge/^{68}Ga
Best 30u (Upgradeable)	30	Best 15 + ^{123}I, ^{111}In, ^{68}Ge/^{68}Ga
Best 35	35–15	Greater production of Best 15, 20u/25 isotopes plus ^{201}Tl, ^{81}Rb/^{81}Kr
Best 70	70–35	^{82}Sr/^{82}Rb, ^{123}I, ^{67}Cu, ^{81}Kr + research

Installation of Best 70 MeV Cyclotron at INFN, Legnaro, Italy

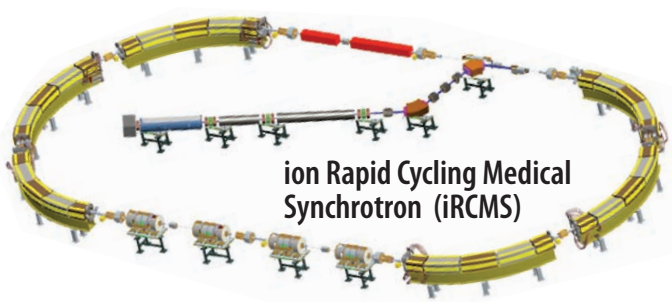
Best™ ABT Molecular Imaging

The BG-75 Biomarker Generator is a revolutionary development in radio-pharmaceutical production that delivers a single or batch dose of ^{18}F-FDG, and additional advanced ^{18}F biomarkers on demand. The system provides integration of all components needed to produce and qualify PET biomarkers into a single, self-contained system that occupies a fraction of the space required by conventional solutions, simplifying the implementation of PET.

Best™ Particle Therapy

400 MeV Rapid Cycling Medical Synchrotron for Proton-to-Carbon Heavy Ion Therapy:

- 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



ion Rapid Cycling Medical Synchrotron (iRCMS)

* Best iRCMS is under development and not available for sale currently.

www.bestcyclotron.com • www.bestabt.com • www.bestproton.com
BCS tel: 604 681 3327 • Best ABT tel: 865 982 0098 • BPT tel: 703 451 2378