INTEGRATED MEDICAL SOLUTIONS AGAINST CANCER

Founded in 1986, IBA is a global medical technology company focused on bringing integrated and innovative solutions for the diagnosis and treatment of cancer.

OUR MISSION IS TO PROTECT, ENHANCE AND SAVE LIVES.

GLOBAL LEADER IN:

- PROTON THERAPY
  Changing the way you treat cancer
- DOSIMETRY
  Integrated Quality Assurance
- INDUSTRIAL & STERILIZATION SOLUTIONS
- RADIOPHARMA SOLUTIONS
  Choose excellence

FACTS

+30 YEARS EXPERIENCE
+500 PATENTS & PATENTS APPLICATIONS
+63,000 PATIENTS TREATED WITH IBA PROTON THERAPY SYSTEMS
1500 EMPLOYEES IN 25 COUNTRIES
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IBA RADIOPHARMA SOLUTIONS

CHOOSE EXCELLENCE

TAILOR-MADE RADIOPHARMACEUTICAL SOLUTIONS

Based on more than 30 years of experience, IBA RadioPharma Solutions helps nuclear medicine departments to design, build and operate PET centers for the production of radiopharmaceuticals used for the detection and treatment of cancer and other critical diseases.

FACTS

- More than 270 cyclotrons operating and supported on 5 continents
- Over 500 Synthera® radiosynthesis modules installed worldwide
- Integralab’s team of multidisciplinary experts have designed and installed over 80 customized radiopharmacy centers.

IBA produced the very first Cyclone® 18/9 for us in 1990 and it is still operational today. We are still very happy with its performance. Thanks to multiple upgrades, we can match the quality and performance of current machines.

Dean Jolly
Manager Cyclotron facility
McGill University
Montreal, Canada
CYCLONE®

HIGH CAPACITY. PROVEN SOLUTION

IBA is the world leader in PET & SPECT cyclotrons for radiopharmaceuticals production. IBA offers high performance cyclotrons from 18 Mev to 70 MeV with a large flexibility both for current and future production needs. Most cost effective operation, unrivaled performances and highest uptime.

CYCLONE® 70

The proven reliable solution

Cyclone® 70 is a 70 MeV compact cyclotron with full specifications at high beam power. A proton only or multi-particle version is available.

References worldwide:
- Nantes, France, 2005
- Indiana, USA, 2015
- Moscow, Russia, 2016

CYCLONE® 30

Highest flexibility

Cyclone® 30 (MeV) offers a large flexibility both for current and future production needs thanks to the multiparticle production and the ability to upgrade to higher intensity versions if needed.

With nearly 30 operating units worldwide, IBA is the leader in high energy cyclotrons.

CYCLONE® KIUBE

Max potential, Max capacity

Cyclone® KIUBE [18MeV] is established as the cyclotron of choice offering the highest production capacity ever reached with a PET cyclotron and a maximized profitability.
**CYCLONE® KIUBE**

**MAX POTENTIAL, MAX CAPACITY**

**DESIGNED TO DELIVER**

The highest production capacity ever reached with a PET cyclotron. It is able to produce up to 300 FDG doses in a 2-hour run.

**DESIGNED FOREVER**

Upgradable like no other cyclotron; you can increase your production capacity step by step from 100μA to 150μA, 180μA and even up to 300μA on target.

**DESIGNED FOR YOU**

A full range of Nirta® targets are available giving you access to $^{18}$F, $^{68}$Ga, $^{124}$I, $^{123}$I, $^{89}$Zr, $^{99m}$Tc, $^{15}$N, $^{16}$O, $^{11}$C, $^{64}$Cu, ...

Cyclone® KIUBE is also available with a self-shielding option.

---

*Production in Curies of $^{18}$F in 2 hours run*
SYNTHERA®+

BETTER, SMARTER, STRONGER

Synthera®+ is the most compact radiosynthesis module on the market. It offers high capacity, high potential and high reliability.

Commercially available: $^{18}$FDG, $^{18}$F-PSMA-1007, Na$^{18}$F, $^{18}$FCH, $^{68}$Ga-peptides and many others to come.

**BETTER**

- MULTI RUNS OF MULTI TRACERS
  - Up to 12 runs of multiple tracers in the same hotcell
  - Online library of compounds, with free access to synthesis protocols

**SMARTER**

- ACCESSORY BASED
  - Synthera® Extension for extra functionalities
  - Production capability X 4 thanks to the IFP™ automated Loader
  - Synthera®+ HPLC for more complex purification
  - Fixed IFP™ makes new developments simpler and more cost-effective

**STRONGER**

- HIGHEST RADIATION RESISTANCE
  - All electronic compounds are placed out of the hotcell
  - Increased uptime
  - Reduced maintenance
Integralab®'s team of multidisciplinary experts offers you a portfolio of solutions to ensure a fast, smooth and risk-free set up of your fully optimized (c)GMP radiopharmacy.

The Integralab® solution ensures the fastest time to market. It includes among others, the scope definition according to your needs, the building design achieving full regulatory compliance and the selection, integration, supply and installation of suitable equipment to match with your radioisotopes production goals.
The CAREprogram includes a complete portfolio of solutions to install, optimize, support and maintain your equipment. And because technology changes quickly, IBA has developed both upgrade packages tailored to your configuration and training programs to increase performance and operator efficiency. A cost effective and performant solution resulting in the highest uptime.

CONTINUOUS SUPPORT TO STAY AHEAD OF TIME

The CAREprogram includes a complete portfolio of solutions to install, optimize, support and maintain your equipment. And because technology changes quickly, IBA has developed both upgrade packages tailored to your configuration and training programs to increase performance and operator efficiency. A cost effective and performant solution resulting in the highest uptime.

IBA ACADEMY

JOIN A COMMUNITY OF EXPERTS IN OUR USER MEETINGS

98.6% UPTIME

Result of the Customer Satisfaction Survey Cyclotron 2017
DISCOVER A NEW WORLD OF POSSIBILITIES

Would you like to know more about all the radiopharma solutions IBA has on offer? Our team of experts will gladly answer all questions you may have.

CONTACT US:
Chemin du Cyclotron, 3 | 1348 Louvain-la-Neuve, Belgium
Tel.: + 32 10 201 275 | Fax: + 32 10 47 59 58 | RadioPharmaSolutions@iba-group.com

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