

## IBA. Building new hope in the battle against cancer

Protect,  
enhance  
and save  
lives

iba

[www.iba-worldwide.com](http://www.iba-worldwide.com)

Triumphing over illness and regaining full health is the wish of each patient, the goal of every physician and the motivation for all researchers. At IBA, we are a passionate team of professionals dedicated to developing leading-edge technologies to **fight against cancer**.

Our **mission to protect, enhance and save lives** drives IBA to develop even more precise solutions for diagnosing and treating diseases.

We have also extended this expertise to industrial sectors, offering sterilization and ionization solutions that make everyday life simply safer.

Founded in 1986, IBA is now a world leader in the five complementary fields in which it operates.

### ■ IBA business activities

- Molecular Imaging
- Dosimetry
- Particle Therapy
- Bioassays
- Industrial Applications



# IBA Group

Moving ahead confidently

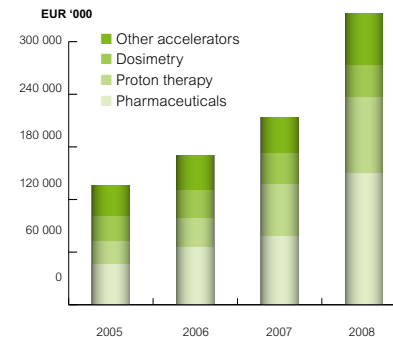
## A company of men and women with a mission to serve

IBA is a fast growing company. The company has been building its expertise in **cancer-focused technologies** for more than 23 years.

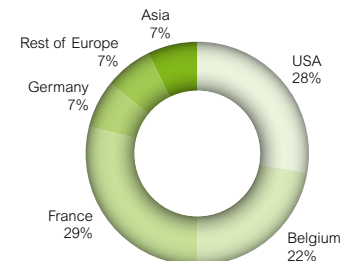
The company is present in more than 40 sites in North America, Europe and Asia, with its headquarters and R&D center in Belgium.

IBA is listed on the pan-European stock exchange Euronext since 1998.

## Sales



## Employee distribution worldwide



over  
**2000**  
employees

over  
**35**  
nationalities

over  
**8%**  
of turnover  
invested in R&D

over  
**330**  
million euros  
of sales

## Molecular Imaging

### Leading the future of molecular imaging

IBA develops radiation-based pharmaceuticals used in the detection of oncologic, neurological and cardiological diseases.

IBA is a worldwide leader in the design of cyclotron solutions, and the production and distribution of radiopharmaceuticals used in thousands of hospitals around the world.

The healthcare industry is using molecular imaging to detect earlier a growing number of diseases and treat them more effectively, with measurable improvements every day. IBA Molecular is part of this progress, developing the tracers and equipment of tomorrow that will **turn the hope of personalized medicine into reality**... because every patient deserves a unique answer.

### ■ IBA achievements

- a unique global PET radiopharmaceuticals network
- 50 radiopharmaceuticals distribution centers globally
- largest pharmaceutical product range in the industry
- more than 2500 FDG doses delivered every day
- major applications in oncology, neurology and cardiology
- about 200 cyclotrons installed and serviced in 5 continents



Everyone deserves  
a unique answer

# Dosimetry

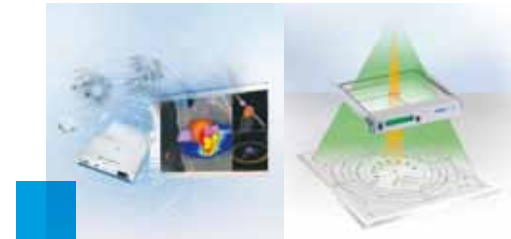
## Fastest, most accurate and most reliable dosimetry solutions

Precision is everything in the delivery of radiation. For both diagnosis and therapy, health providers strive to be 100% sure that they deliver the exact prescribed dose to a precisely defined area in the patient's body. Success of treatment and patient safety depend on it.

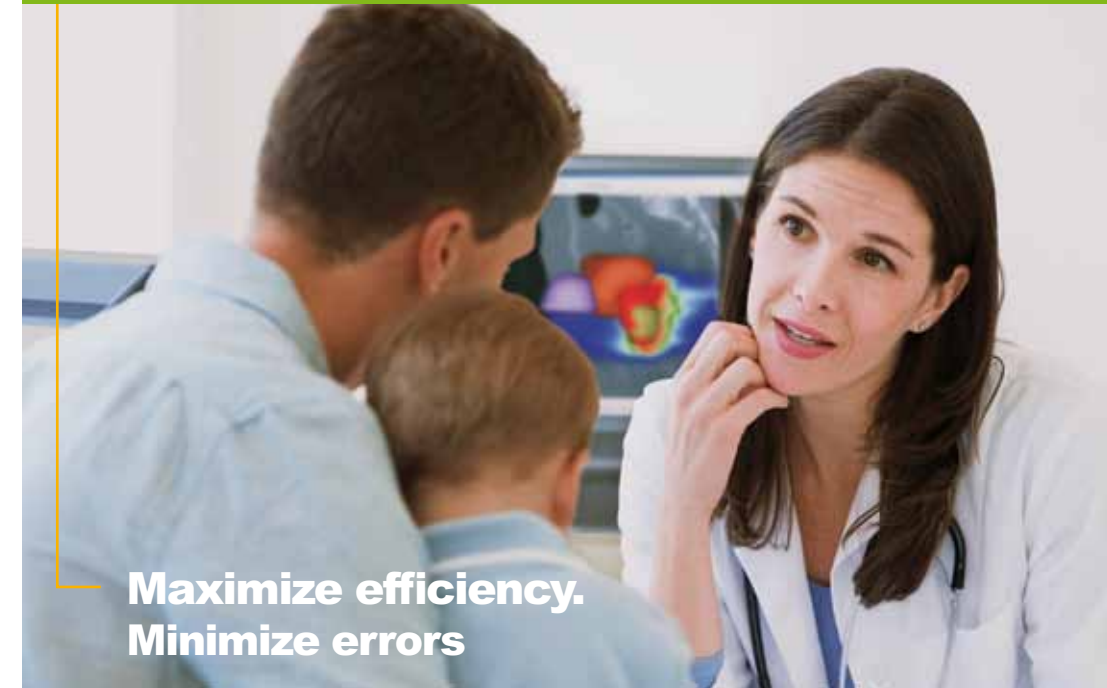
IBA is the world's N° 1 solution provider for innovative and high-end dosimetry equipment. In addition, IBA is the preferred partner of manufacturers of linear particle accelerators. At IBA, we develop instruments and software that enable radiologists and medical physicists to perform the required quality assurance and calibration procedures. They ensure that the exact dose is distributed, not more and not less than planned.

### ■ IBA solutions

- 3D water phantom systems
- rotational treatment verification
- multifunctional measurement system for patient dose monitoring and quality assurance



**Maximize efficiency.  
Minimize errors**



# Particle Therapy



**Beyond belief**

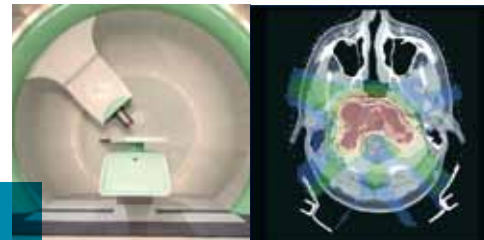
## Advanced therapy already at work

Around 50% of all cancer patients receive radiation as part of their treatment program. While conventional beams also deliver radiation to healthy tissue surrounding the tumor, proton therapy delivers a more precise dose with fewer adverse effects, which is an absolute necessity when treating cancers such as head and neck cancers, pediatric cancers,...

IBA has pioneered proton therapy. With proven efficacy in more than 50,000 patients worldwide, we are already at work – providing the most innovative and advanced treatment options for cancer care.

## ■ IBA innovation

- more than 50% of the world's PT clinical centers designed and equipped by IBA
- development of a prototype carbon ion accelerator
- unique IBA Universal Nozzle providing 4 delivery modes with millimeter precision, including Pencil Beam Scanning



# Bioassays

## Shaping the medicine of tomorrow

Cisbio Bioassays, now a member of the IBA group, supplies innovative products and world-class services to clinical medicine and pharmaceutical research.

### Drug Discovery

Cisbio Bioassays is committed to designing advanced assay technologies for the high throughput investigation of biomolecular interactions, helping the pharmaceutical industry to efficiently screen millions of molecules in their search of new medicines.

### In Vitro Diagnostics

Cisbio Bioassays strives to enhance patient care by providing the medical community with reliable and sensitive diagnostic tools.

## ■ Cisbio Bioassays breakthroughs

- HTRF®: a leading & proprietary technology for high-throughput drug screening
- Tag-lite™: the only homogeneous and non-radioactive alternative for ligand binding
- chromo@: excellence in chromogranin A measurement for the diagnosis and follow up of neuroendocrine tumors



Screening the invisible



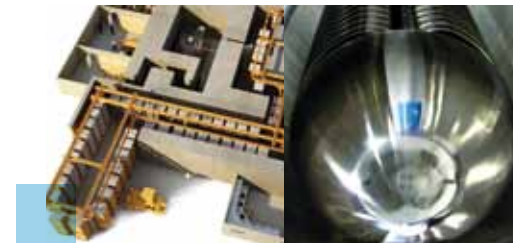
## Industrial Applications

### Clean and efficient technology to meet the industry's future challenges

IBA Industrial is the world leader in high power electron and proton accelerators for industrial applications. IBA's unique E-beam, X-ray and Proton treatment solutions are used across the world in many different applications such as medical device sterilization, food pasteurization, polymer property enhancement, safety and detection, etc.

#### ■ IBA industrial expertise

- more than 250 electron accelerators installed worldwide
- in the last 10 years, over 50% of the power of installed industrial accelerators worldwide has been supplied by IBA
- installation of the first large-volume X-ray service center in the world



Act responsibly