



INSTITUTE OF ISOTOPES CO. LTD.



▶ ACTIVITY ▶ FLEXIBILITY ▶ PROFICIENCY

PIONEERING AND PROGRESSING

ON THE WAY OF RADIOACTIVE APPLICATIONS



2020

Cs-137
Hot cell Line
Radiation
Technique
Business Unit

Institute of Isotopes Co. Ltd. is on the frontline of radioisotope technology collaborating with long-term partners and customers. Over the years we have developed numerous products from diagnostic kits to radioactive sources for various radioactive applications. Our company provides varied and flexible services in this unique field.



2018

GMP
Laboratory
Synthesis
Business Unit

Our production complies with the highest quality standards: GMP, ISO9001, ISO13485, ISO14001.



2016

Clean Rooms
and Hot Cell
Lines
Radiopharma-
ceutical
Business Unit

Our Business Units:

- ▶ Radiopharmaceutical
- ▶ Immunoassay
- ▶ Synthesis
- ▶ Radiation Technique



1993

Institute of
Isotopes Co. Ltd.
is established

1971

Production Lines
first steps in Radio-
pharmaceutical
production

1959

Hungarian Isotope
Institute
early days



RADIOPHARMACEUTICAL BUSINESS UNIT

RADIOPHARMACEUTICALS FOR HEALTHCARE

The Radiopharmaceutical Business Unit has been exclusively focused on supplying radiopharmaceutical products to nuclear medicine professionals serving the recovery of patients worldwide and supporting early diagnosis. Our effective Quality Management System is compliant with customer standards and regulatory requirements and ensures the high-quality of our products.

Our R&D group provides exceptional service in the development and manufacture of our radiopharmaceuticals. We are also proud to be involved in various co-operations and partnerships benefiting from our specific expertise, technological background and well-equipped facility.

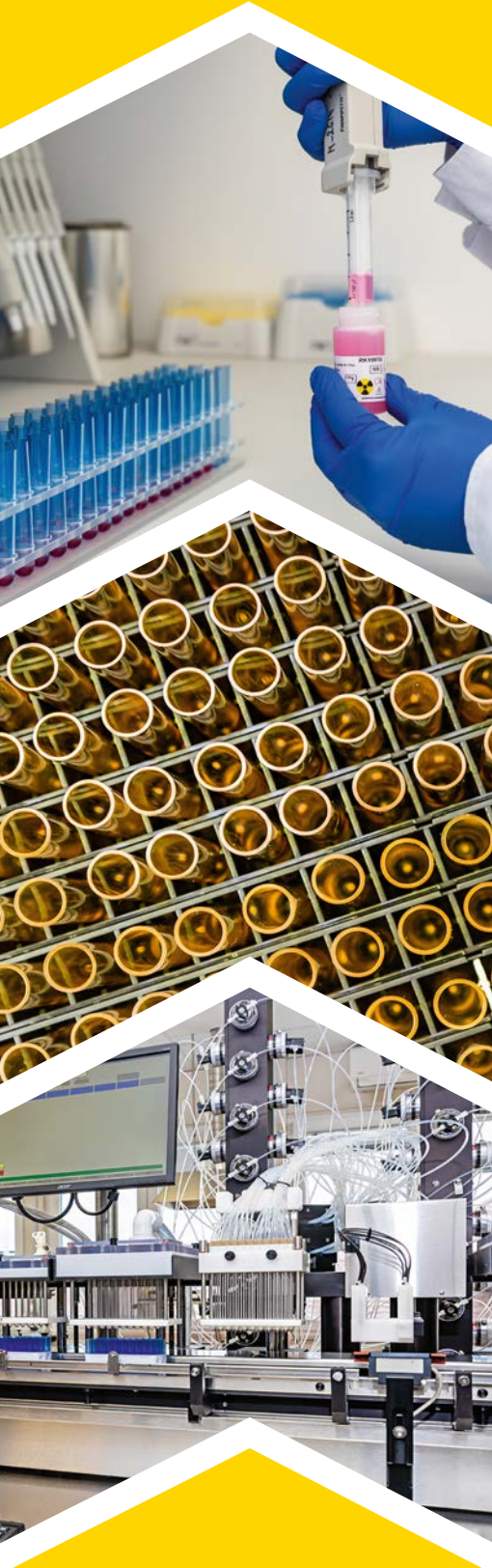
- ▶ **Kits for pharmaceutical preparation for diagnosis and therapy**
- ▶ **I-131 Capsule and Injection**
- ▶ **I-131 Sodium Iodide solution, Drug substances**
- ▶ **Radiochemicals**



'NUCLEAR MEDICINE IS NOT JUST A PAIR OF WELL- SOUNDING AND PROMISING WORDS: IT IS AN ADVANCED METHOD OF USING RADIOACTIVE ISOTOPES TO REVOLUTIONIZE THERAPY.'

IMMUNOASSAY BUSINESS UNIT

A WIDE RANGE OF IN VITRO DIAGNOSTIC KITS



Our Immunoassay Business Unit provides in vitro diagnostics, laboratory kits that are essential tools in diagnostic and research activities. Our Radioimmunoassay and ELISA kits are reliable and provide accurate results in endocrinology, oncology, autoimmunity etc.

Besides being key participant on the market for many years, we are also engaged in product development projects and offer contract manufacturing, OEM services for our customers.

- ▶ In Vitro diagnostics (RIA, IRMA, ELISA)
- ▶ Research Immunoassay kits
- ▶ I-125 labelled compounds



- Products/Services:
- ▶ Liquid Dispensing Systems
 - ▶ Microplate Processing Automation
 - ▶ Test Tube Processing Automation
 - ▶ Custom Automation



Since 1979, Oyster Bay Pump Works, Inc. has been a leader in the development of innovative concepts in liquid dispensing automation. Our systems are used worldwide by many of the top companies involved in diagnostics manufacturing, pharmaceutical research, and biotechnology.

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SYNTHESIS BUSINESS UNIT

LABELLED WITH CARE – RADIOSYNTHESIS

Our Synthesis Business Unit offers C-14, C-13 or H-3 labelling services for organic compounds used in pharmacological, metabolism (ADME) or e-fate studies.

We provide a wide selection of labelled pesticides, herbicides, fungicides and other bioactive compounds that play significant role in the registration of agrochemicals.

Our GMP Laboratory also enables us to provide key labelled compounds for clinical research serving the Pharma Industry. Given our solid experience in radiosynthesis our partners also trust us to develop unique methods and perform complex and challenging custom synthesis tasks.

- ▶ **C-13 and C-14 labelled agrochemicals, drug substances**
- ▶ **H-3 labelled compounds**
- ▶ **Repurification, storage services**



'UTILIZING OUR KNOW-HOW IN RADIOSYNTHESIS WE OFFER
CUSTOMIZED SOLUTIONS TO YOUR REQUIREMENTS.'

RADIATION TECHNIQUE BUSINESS UNIT

RADIATION TECHNIQUE SOLUTIONS FOR MEDICAL,
RESEARCH AND INDUSTRIAL APPLICATIONS



Our engineering background and experience in radiation technique is a strong base for manufacturing radioactive industrial sources, irradiators and radiation protection systems. Our experts support the medical-, food- and agricultural industry with customized applications.



Our work is acknowledged by various partners within and beyond borders.

The cooperation with IAEA and different international associations, companies serves as reference for future projects in designing, installing, dismantling, decommissioning.

Main products, services:

- ▶ **Industrial sources: Co-60, Ir-192, Cs-137**
- ▶ **Irradiators (multipurpose, research, calibration)**
- ▶ **Radiation Protection Systems**
- ▶ **Transport and storage containers, hot cells**
- ▶ **Services: waste management, consulting, transport**



'FROM SMALL TO HIGH ACTIVITIES WE DELIVER OUR FLEXIBLE
RADIO TECHNIQUE SOLUTIONS TO YOUR NEEDS.'



PRESENT ALL ALONG THE NUCLEAR CYCLE

DISMANTLING

> DECOMMISSIONING OF RADIOTHERAPY FACILITIES



RADIOACTIVE TRANSPORT

- > Freight Forwarding & Nuclear Material Transport
- > Own fleet of trucks



CONTAINERS

- > IP2 Container Selling & Maintenance
- > Own fleet of B(u)



ENGINEERING

- > Packing Solutions
- > Lashing Solutions
- > Tooling & Prototypes



INTRALOGISTICS

- > Expediting
- > Supply Chain Management Assistance



- Classified, Dedicated, Express Shipments Worldwide
- Nuclear Material Transport Worldwide
- ADR CLASS 7/ADR/IATA/IMDG
- Leak Testing (COFREND)

> Contact : eric.bello@nctsa.fr

www.transports-nct.com



In addition to our products, we are looking forward to new possibilities to widen our portfolio and meet our growing customer demands. If you are looking for an experienced and licenced distributor do not hesitate to contact our Sales Team at: **commerce@izotop.hu**

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