

The manufacturer

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Radioprotech Elysia



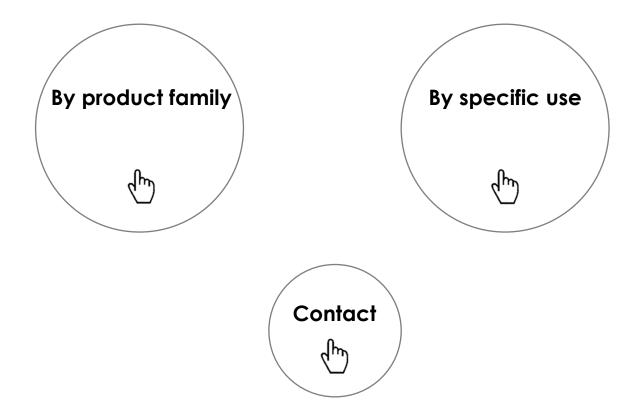
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Catalogue 2021



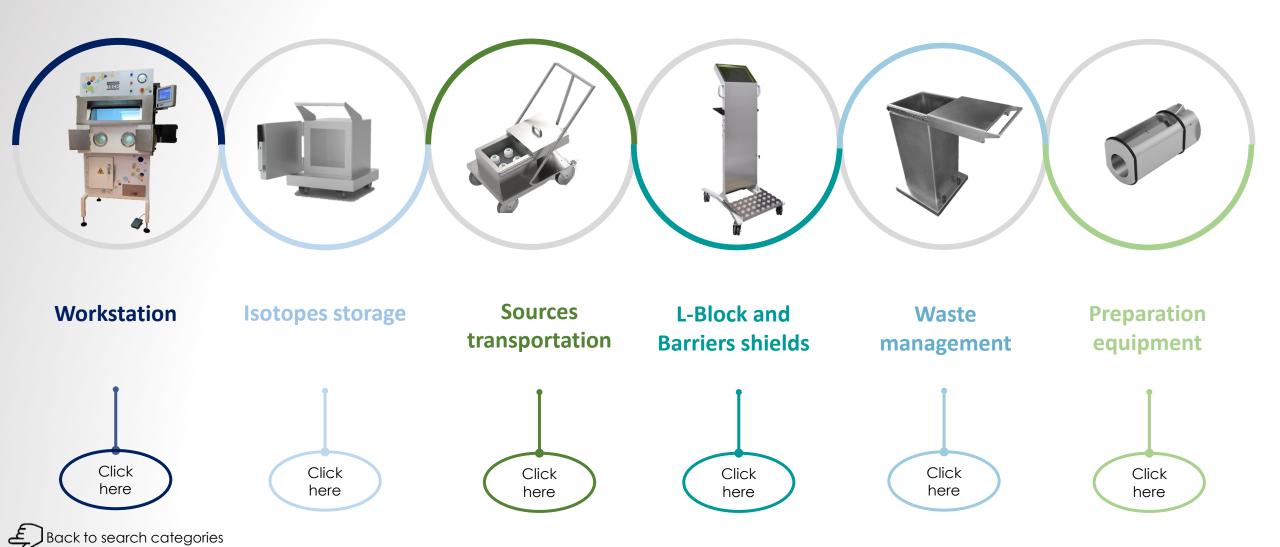
• Please note that you can search by product family or by use by simply clicking on





Radioprotection from A to Z







Specific uses

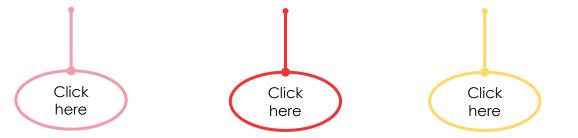




Synthesis modules

MRI compatible

For betas radiation





Workstation





Closed configuration

Shielded isolator





Semi-open configuration

Shielded Biosafety Cabinet

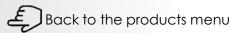




Opened configuration

Integrated Workstation







Shielded isolator



- For the preparation of low, medium and high energy isotopes F18, I131, Tec99 and Ga68)
- Reliable, robust and maintenance-free except for the annual filter change, which can be done directly by the end-user
- Waste compartment
- Exit pass-through input/output
- Defined dimensions to fit through standard doors and simplify installation





Shielded isolator



Several configurations:

Biological protection	Between 20 and 50 mm lead depending on the zones and the model chosen	
Glove ring	2 or 4 gloves rings	
Door type	Front door or side door	

Option double generators compartment + lift

Option dose calibrator compartment + dose calibrator ladle lift

Motorized height adjustment







Shielded Biosafety Cabinet



- Designed for the radiopharmaceuticals preparation or cell labeling
- Shielded on 4 sides and equipped with a laterally sliding L-Block
- Particulate quality Class II according to the European standard EN 12469
- Ventilation and laminar flow





Shielded Biosafety Cabinet



Several configurations:

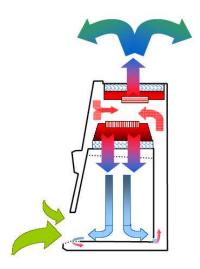
Biological protection	10 mm lead and 36 mm lead glass
Worktop choice	900 or 1200 mm
Versions to choose	Sitting or standing

Option genrator compartment + lift

Option dose calibrator compartment + dose calibrator ladle lift

Option waste compartment







Open workstation



- Designed for radiopharmaceutical preparation
- Shielded on 4 sides and equipped with a laterally sliding L-Block
- Option dose calibrator compartment + dose calibrator ladle lift

Defined dimensions to fit through standard doors and simplify installation





Open workstation



Several configurations:

Biological protection of the workstation	40 or 50 mm lead depending on the model
Biological protection of the L-Block	30 mm lead and 60 mm lead glass

Option double generators compartment + lift

Option waste compartment

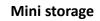




Isotopes storage











Under-bench storage cabinet

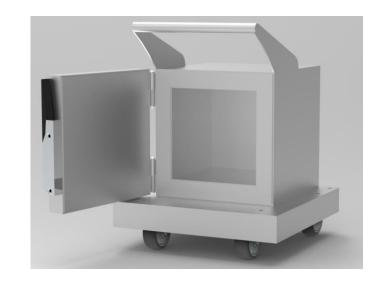




Mini storage



- To store your sources, in a closed and radioprotected cabinet
- In accordance with the regulations, key lock
- On foot or on wheels for better mobility



Biological protection	10, 20, 30 or 40 mm lead
Internal dimensions	150, 170, 190 or 210 mm







Under-bench storage cabinet



- To store your sources or liquids in drums, in a closed and radioprotected cabinet
- In accordance with the regulations, key lock
- Removable shelf adjustable in height (3 positions)
- On foot or on wheels for better mobility

<u>Several configurations:</u>

Biological protection	5, 10 or 20 mm lead
External height	700 mm or 900 mm
Option refrigerated storage	









Sources transportation





For vials





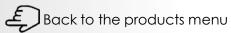
Syringe carrier





Wall pass-through







For sources



- For transporting vials, containers, or syringe carrier including out of controlled areas
- Equipped with 4 wheels to be moved easily
- Easy filling thanks to a sliding lid



Biological protection	15 to 50 mm lead depending on the model
Configurations	1, 2 or 4 holes
Option motorization	







Syringe carrier



- For transport of syringes and radiopharmaceutical vials
- Ergonomic, fixed or foldable handle
- Trough-shaped interior for easy gripping



Biological protection	3, 5 or 15 mm lead
Handle	Fixed or foldable
Interior shape	Trough-shaped or classic box shape







Wall pass-through



- Allows the passage of material between two adjoining rooms
- Choice of door opening direction
- Door interlocking
- Possibility to choose a wall pass-through pressurized



Biological protection	2 mm lead
Option door interlock	
Option lead glass porthole	
Standard or pressurized stainless steel wall pass-through	







L-Block and Barrier shield





Mobile shield





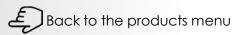
Injection shield





Tabletop shield







Mobile shielded screen



- For additional radiation protection in camera room, injection box or hot waiting room
- Porthole, without porthole, reduced porthole, or wide porthole
- Ranges: Standard 1500 x 1000 mm or Large 2000 x 1000 mm

Biological protection	5, 10 or 20 mm lead
Porthole	Without porthole, reduced porthole or wide porthole
Range	Standard or large





Injection shield



- Radioprotect when injecting isotopes or contact with the patient after injection
- Height-adjustable shelf + wide porthole for a perfect view of the handling in progress
- Mobility and easy passage under the beds/chairs according to the chosen subbase
- Retractable step

<u>Several configurations:</u>

Biological protection	ALARA principle, 10 to 30 mm according to zones
Small or large wheels	
Subbases : standard, point shape or open at 90°	
Option manual tele-injector arm	







Tabletop shield



- Effective radiation protection when handling isotopes
- Wide porthole for a perfect view of the handling in progress
- Lateral mobility thanks to 4 casters adapted to the benches

<u>Several configurations:</u>

Biological protection	5, 10, 15, 20 ou 30 mm lead
Lead glass	Low and medium energy : 20 to 50 mm Medium and high energy : 50 to 60 mm







Waste management





Waste containers





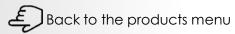
Sharp container





Waste container trolley







Shielded waste container



- Allows the collection and storage of solid radioactive waste in injection rooms, radiopharmacy, quality control room or in cell labelling
- Filling by partial opening, changing the bag by full opening, both effortlessly

Biological protection	5, 10 or 20 mm lead
Capacity	30, 60 or 80 liters
Choice of materials	All HDPE All stainless steel





Shielded sharps container



- Allows the containment of the main OPCT containers on the market
- Standard range accommodates containers from 1.5 to 2 liters
- XL range accommodates containers from 2.5 to 3.5 liters
- Filling by partial opening



Biological protection	3, 10 ou 15 mm de plomb
Range	Standard or large
Type of lid	Simple or with slide







Shielded waste container trolley



- Allows the storage and transport of radioactive waste
- Easy filling by opening on slide
- Mobility and manoeuvrability thanks to 4 large wheels, suitable
 for moving heavy loads on plastic floors.



Biological protection	5, 10 or 20 mm lead
Capacity	30 or 60 liters



Preparation equipment





Syringe shield and rack





Vial shield and vial tong



Dry block heater





Vortex mixer





Syringe shield and rack



- Effective protection during the preparation, measurement and injection of radiopharmaceuticals
- Magnifying glass effect provides a very good reading of the syringe graduations
- A release button: quick and efficient to hold the syringe in the locked position
- An anti-shock system, thanks to two rubber O-ring
- A glass that can be replaced by the user
- The rack can store up to 8 syringe shields without collide

<u>Several configurations:</u>

Low and medium energy	2,25 mm tungsten and 7,25 mm lead glass
High energy	6 mm tungsten and 12 mm lead glass
Option high energy	Full tungsten : 13,5 mm tungsten









Vial shield and vial tong



- For storage and sampling of radioactive solutions in 10, 15 or 20 ml vials
- 2 openings, full opening: vial insertion; partial opening: access to the vial septum
- Suitable for the different vials on the market
- The vial tong allow the vials to be grasped thanks to very thin jaws (suitable for use with thick and not very flexible gloves)

<u>Several configurations:</u>

Biological protection of vial shield	10 mm lead glass 17,5 mm lead glass 25 mm lead glass
Vial tong lenght	30, 40 or 50 cm









Shielded dry block heater



- Provides a controlled dry heat environment
- 2 or 4 wells
- Option shielded cover



Low and medium energy	4 holes, diameters 23, 25, 27 and 32 mm
High energy	2 holes, diameters 25 and 27 mm
Option shielded cover	
Possibility to customize the block to the desired diameters	







Shielded vortex mixer



- To mix the radioactive contents of 5 to 20 ml vials
- For Beta and Gamma radiation
- Stainless steel cover included



Specifications:

Biological protection	10 mm lead + 5 mm aluminium
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Synthesis module



- Shielded isolator designed around the synthesis module
- Areas: synthesis (bottom), fractionation and measurement (top and front), transfer of syringes and vials (exit pass-through)
- Generators compartment
- A Class
- Exit pass-through
- Reliable, robust and maintenance-free except for the annual filter change, which can be done directly by the user
- Waste compartment





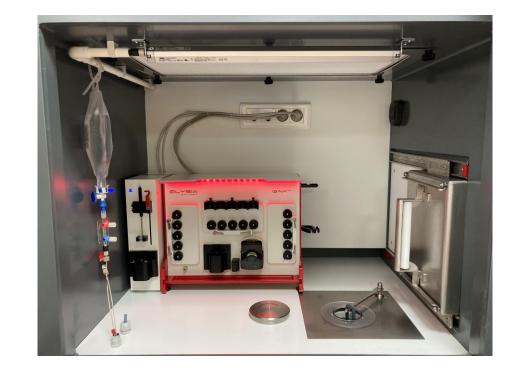
Synthesis module



Several configurations:

Option waste compartment

Biological protection, ALARA principle	Front panel: 35 mm lead and 90 mm lead glass Side faces: 30 mm lead Back: 30 mm lead
Gloves ring	2 gloves ring
Door type	Front door





MRI compatible





No-magnetic, shielded syringe trolley



No-magnetic, shielded syringe carrier



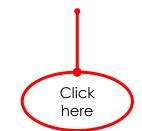


Non-magnetic, injection shield





Non-magnetic, shielded waste



container



Non-magnetic, syringe shield







Non-magnetic, FDG syringe trolley



- For transporting FDG syringes between radiopharmacy, injection rooms or PET/MRI rooms including outside controlled areas
- Syringe insertion through the top cap
- Equipped with 4 wheels to be moved easily
- Strong handle for great manoeuvrability

Specifications:

Biological protection	30 mm de plomb
Filling	Through the top cap
Materials	Lead and aluminium









Non-magnetic, syringe carrier



- For transporting syringes and radiopharmaceutical vials in PET/MRI rooms
- Fixed, ergonomic handle
- Trough-shaped interior for easy gripping



Bioligical protection	10 mm lead
Handle	Fixed
Materials	Aluminium, POM and lead





Non-magnetic, injection shield



- Radioprotect when injecting isotopes or contact with the patient after injection
- Height-adjustable shelf + wide porthole for a perfect view of the handling in progress
- Mobility and easy passage under the beds/chairs according to the chosen subbase
- Retractable step

Biological protection	ALARA principle, 10 to 30 mm depending on zones
Materials	100% aluminium
Small or large wheels	
Subbases : standard, point shape or open at 90°	





Non magnetic, shielded waste containe

- Allows the collection and storage of solid radioactive waste in PET MRI rooms
- Filling by partial opening, changing the bag by full opening, both effortlessly

<u>Several configurations:</u>

Biological protection	20 mm lead
Capacity	30 or 60
Materials	HDPE





Non-magnetic syringe shield



- Effective protection during preparation, measurement and injection of high energy radiopharmaceuticals
- Magnifying glass effect provides a very good reading of the syringe graduations
- A release button: quick and efficient to hold the syringe in the locked position
- An anti-shock system, thanks to two rubber O-ring
- A glass that can be replaced by the user

Biological protection	Tungsten thickness: 6 mm Lead glass thickness: 12 mm
Syringes	Compatible with syringes: 2.5, 5 and 10 ml



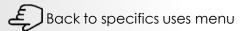




For betas radiation









Betas injection shield



- Radioprotection during injection or contact with the patient after injection
- Height-adjustable shelf + wide porthole for a perfect view of the handling in progress
- Mobility and easy passage under beds/chairs

Specifications:

Biological protection	10 mm PMMA
Structure materials	POM, stainless steel and PMMA





Betas Tabletop shield



- Effective radiation protection when handling beta emitting isotopes
- Wide porthole for a perfect view of the handling in progress



Biological protection mixed version	10 mm PMMA, 5 mm lead and 20 mm lead glass density 4.8
Biological protection all plexi version	10 mm PMMA





Betas vial shield



- For storage and sampling of radiopharmaceutical solutions emitting beta radiation
- Rubber O-ring integrated in the base plays a role of shockabsorbing
- 2 openings, full opening: vial insertion; partial opening: access to the vial septum
- Suitable for the different vials on the market

Biological protection	5 mm PMMA, 6 mm lead and 20 mm lead glass density 4.8
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Betas syringe shield



- Effective protection during preparation, measurement and injection of beta-emitting radiopharmaceuticals
- Magnifying glass effect provides a very good reading of the syringe graduations
- A release button: quick and efficient to hold the syringe in the locked position
- An anti-shock system, thanks to two rubber O-ring
- A glass that can be replaced by the user

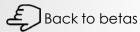
<u>Several configurations:</u>

Mixed: 3,1 mm tungsten, 3 mm PMMA, 9,7 mm

lead glass density 5.2 Simple: 10 mm PMMA









RADIOPRO TECH Radioprotection & Nuclear Medicine

