IRIS RADIOPHARMACEUTICAL INJECTOR

FOR THERAPY AND DIAGNOSTIC

FLEXIBLE | ERGONOMIC | VERSATILE ...**BEYOND TECHNOLOGY**

COMECER
AN ATS COMPANY

IRIS RADIOPHARMACEUTICAL INJECTOR
FOR THERAPY AND DIAGNOSTIC

IRIS is an automatic fractionator and injector of radiopharmaceuticals that performs calibrated injections, starting from multidose solutions of FDG to many other radiopharmaceuticals including unit dose therapies. IRIS is **compact and easy to handle** thanks to its innovative design and autonomous battery power supply.

Flexibility

IRIS is compatible with multiple radiopharmaceuticals *(not limited to the ones below).*

^{18}F ^{64}Cu ^{123}I ^{99}Tc ^{68}Ga

^{177}Lu ^{90}Y ^{131}I ^{89}Zr

Designed with operator in mind

User friendly control panel.

Safe and easy positioning of the disposable main kit.

Compatible with different types of shielded containers for vials *(see our technical datasheet for more details).*

- Easy to use thanks to the ergonomic positioning of the components.
- Dose calibrator compatible with multiple isotopes.
- Possibility to measure the concentration of the mother vial.
- Possibility to dilute the mother vial.
- High accuracy dose calculation, measurement and injection.
- Safe and quick preparation of the doses and injection in the patients.
- Safe and easy connection between the main kit and the patient kit.
- Medical Device.

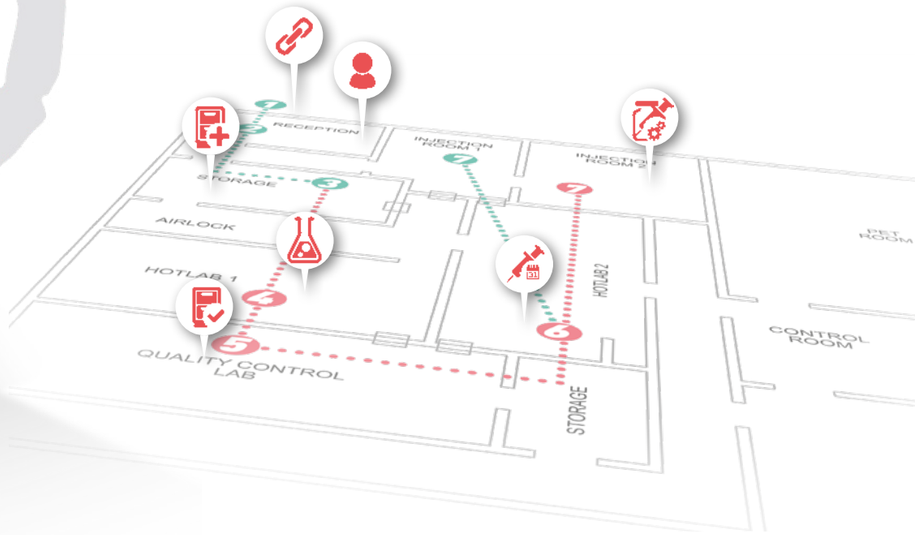
- Patient safety is guaranteed by the use of sterile disposable kits, including special filters positioned on the patient line, a bubble sensor and and advanced injection control.
- Disposable consumable and mother vial washing procedure.
- Fully integrated dose calibrator quality control.
- Label printer to print injection information.
- Operating autonomy guaranteed for 8 hours under normal use.

Connectivity

Possibility of RIS/PACS one way connection through DICOM protocol to import patient data into the IRIS.

IBC Workflow Management Software

Direct two way connection with the IRIS to manage patients and injections. The automatic patient weight dose calculations from IBC are imported into the IRIS. The injected dose is immediately exported to the IBC Workflow Management Software.



The expressiveness of colour that becomes one with the hospital environment. The wide range of colours and designs of the IRIS contributes to a more pleasant and calm perception of the machine by both the operator and the patient.

Technical data

Maximum dose volume	ml	30 ml in parts of 5 ml (multi stroke)
Minimum dose volume	ml	0,5
Dispensing accuracy	%	± 5
Flow rate (maximum)	ml/ min	27 (± 25 %)
Activity flow rate (minimum)	ml/ min	0,1 (± 5 %)
External dose rate	µSv/h	< 10 (at 10 cm from surface)
Maximum pharmaceutical loss	ml	< 0,3 (Per series)
Power supply		230 VAC (50 Hz) 115 VAC (60 Hz)
System boot time		Cold start < 2 min From standby < 1 min
Battery time		8 h standard use

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WE ARE YOUR PARTNER FOR LIFE

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