

IRIS

RADIOPHARMACEUTICAL INJECTOR
FOR THERAPY AND DIAGNOSTIC



CE
0344

FLEXIBLE / ERGONOMIC / VERSATILE
...BEYOND TECHNOLOGY



COMECER

AN **ATS** COMPANY

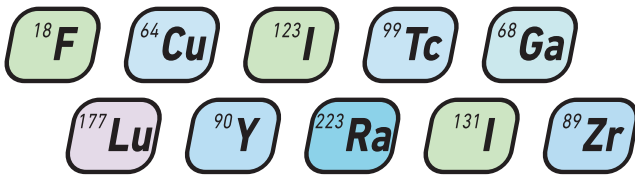
IRIS

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

System compatible with multiple radiopharmaceuticals.



Designed with operator in mind

User friendly control panel.



- Extremely simple 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 in dose calculation
- 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

Compact design



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

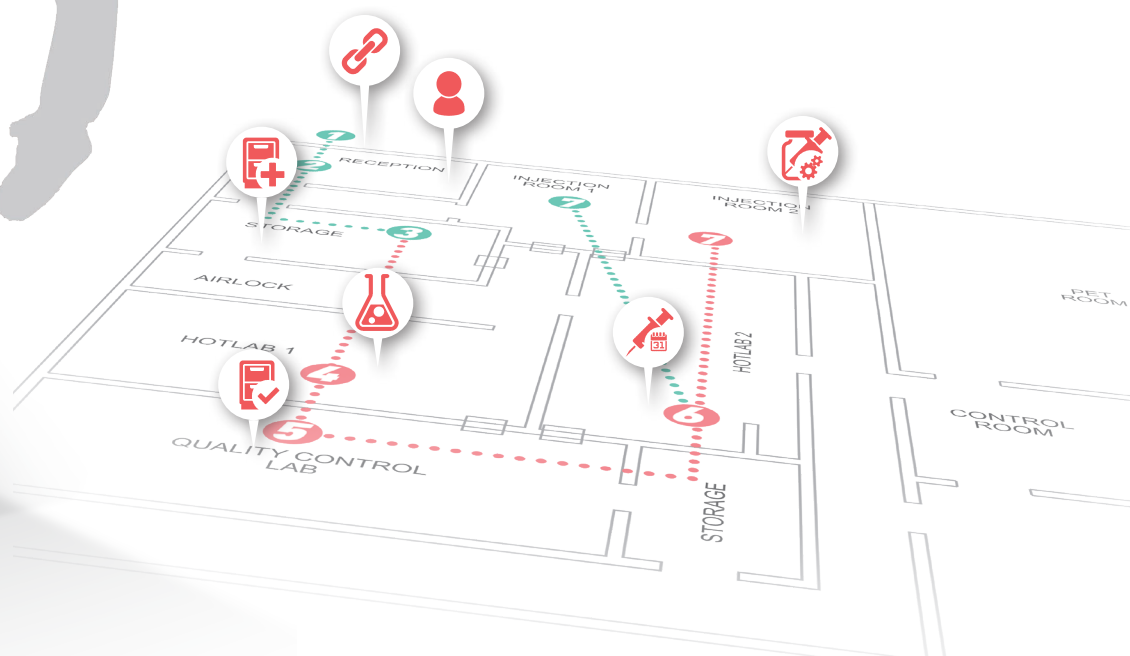
Connectivity

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 external cases contributes to a more pleasant and calm perception of the machine by both the operator and the patient



Technical data

Weight	kg	330 (±5)
External dimensions	mm	635 x 810 x 900 (w x d x h)
Maximum bulk activity	GBq	30 with use of F18
Maximum bulk vial volume	ml	30 with use of F18
Saline solution maximum volume	ml	500
Maximum patient dose	MBq	1000 with use of F18
Dose minimum volume	ml	0.5
Dispensing accuracy	%	± 5
(Maximum) capacity	ml/min	27 (± 10%)
Flow rate (minimum)	ml/min	0.1 (± 5%)
External dose rate	µSv/h	< 10 to 10 cm from the surface
Maximum pharmaceutical loss	ml	< 0.3 per series
Power supply		230 VAC (50 Hz) 115 VAC (60 Hz)
Battery time		8 h standard use
System boot time		< 1 min

Distributed by:



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