

# IRIS

MULTIDOSE RADIOPHARMACEUTICAL INJECTOR



IRIS

FLEXIBLE / ERGONOMIC / VERSATILE  
...BEYOND TECHNOLOGY

CE  
0344



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an  company

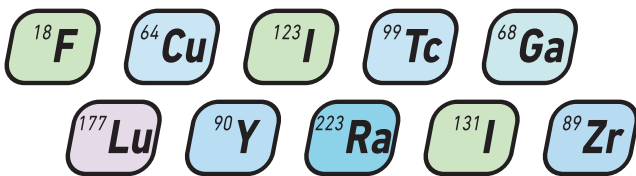
# IRIS

## MULTIDOSE RADIOPHARMACEUTICAL INJECTOR

IRIS is an automatic fractionator and injector of radiopharmaceuticals that carries out calibrated injections, starting from multidose solutions of FDG or other radiopharmaceuticals. IRIS is **compact and easy to handle** thanks to its innovative design and autonomous battery power supply.

### Flexibility

System compatible with multiple radiopharmaceuticals.



### Ergonomics

Swivel control panel.



Safe and ergonomic positioning of the disposable kit.  
Compatible with different types of shielded containers for vials.

- 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 mother vial
- High accuracy in dose calculation
- Safe and quick preparation of the doses and injection in the patients
- Medical Device

Compact design



- Patient safety is guaranteed by a special filter positioned on the patient line, a bubble sensor and injection control
- Disposable device and mother vial washing procedure
- Patient selection with automatic dose calculation
- Label printer
- Operating autonomy guaranteed for 8 hours in standby



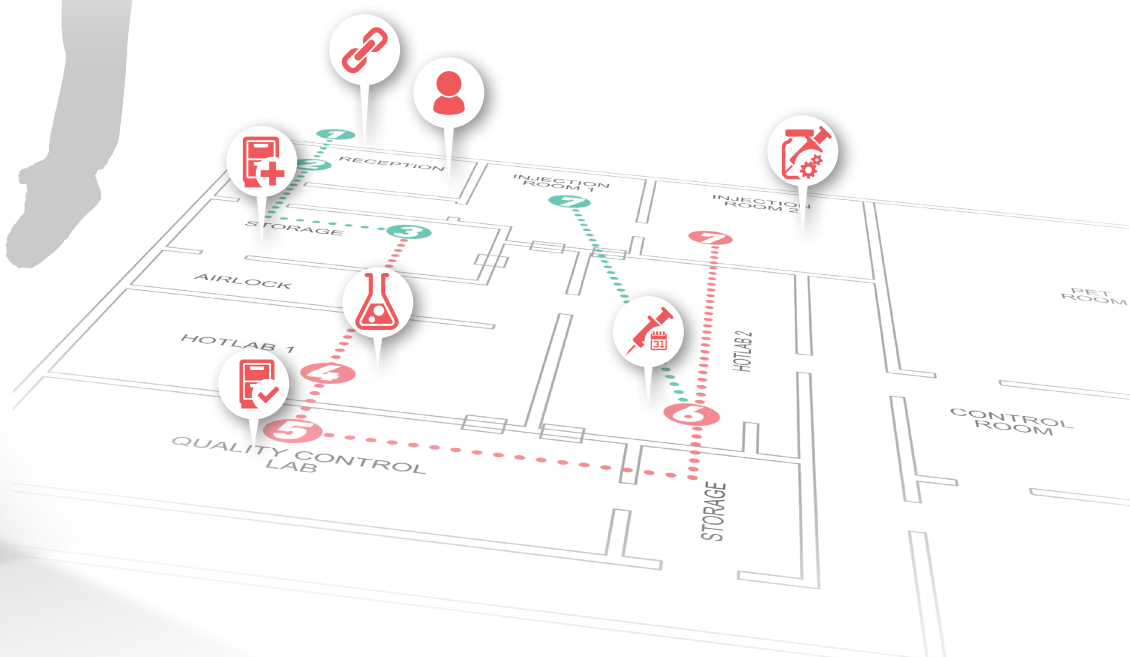
### Connectivity

Possibility of RIS/PACS direct connection through DICOM protocol.



### IBC software

Direct connection for management of stock, patients and injections through DICOM and HL7 protocol.



**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

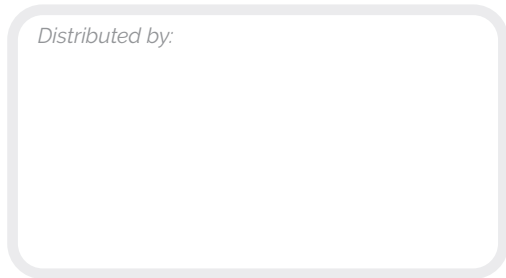


### Technical data

Weight	kg	330 (±5)
External dimensions	mm	635 x 810 x 900 (w x d x h)
Maximum bulk activity	GBq	30
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 maximum volume	ml	5
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

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