

IRIS

MULTIDOSE RADIOPHARMACEUTICAL INJECTOR



IRIS
AC RAD MEDICAL
CONSULT & SERVICE

IRIS

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

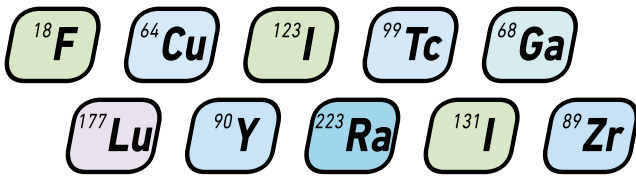
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MULTIDOSE RADIOPHARMACEUTICAL INJECTOR

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.



- 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

Ergonomics

Swivel control panel.



Compact design



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



- 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
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
Battery charge time		4 h
System boot time		< 5 min from standby < 1 min



COMECER S.p.A. - Via Maestri del Lavoro, 90
48014 - Castel Bolognese (RA) - Italy
t: +39 0546 656375 - f: +39 0546 656353
comecer@comecer.com - www.comecer.com



www.comecer.com/iris