



Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

Series Freezing Incubators
Model irf-2400

2400 litre freezing incubator





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Chamber capacity	2400 Litres
Standard dual chamber design	1 set of shelves per door
Chamber width	865 mm
Chamber depth	900 mm
Chamber height	1434 mm
Single chamber design	Optional
Chamber width	1809 mm
Chamber depth	900 mm
Chamber height	1434 mm
Chamber material	Stainless Steel 304L
External width	2214 mm
External depth	1067 mm
External height	2056 mm
External material	Durable epoxy powder-coated steel
Recommended clearance	75mm on sides and rear
Temperature range	-20 to 70C
Temperature sensor	Pt100
Control accuracy	0.1 C
Temporal stability	0.2 C
Available shelf positions	30 (15 per door)
Shelves supplied	6 (3 per door)
Shelf dimensions	690 x 590 mm
Shelf spacing	87 mm
Shelf capacity	50 KG
Insulation type	Mineral Wool - asbestos free
Insulation thickness	50mm



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Electrical supply	Single phase, 220 - 240V, 50 Hz (alternatives available on request)
Element rating	2 kW
Circulating fan	2
Countdown timer	99 hr 59 min - or continuous
Controller type	Multifunction intelligent digital PID-microprocessor
Readout	Digital LCD readout of set and actual temperature
Temperature alarms	High low deviation
Country of origin	Australia

Options / Accessories

- Additional shelves
- 8 Step programmable controller
- 500 Step programmable controller
- Inner viewing door - toughened glass
- Double glazed glass door
- Side access port - 50 mm
- Fan speed controller
- Internal power supply*
- Inner viewing light - LED*
- RS232 or RS485 comms module
- Ethernet comms module
- ISPM 15 compliant crating for export
- Calibration certificate

*Maximum temperature limited to 50C