AUSTRALIAN MADE®

STERIDIUM

Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

Series Freezing Incubators
Model irf-500

500 litre freezing incubator

*Specifications subject to change without notice

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Chamber capacity	500 Litres
Chamber width	700 mm
Chamber depth	600 mm
Chamber height	1136 mm
Chamber material	Stainless Steel 304L
External width	866 mm
External depth	784 mm
External height	1815 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	12
Shelves supplied	3
Shelf dimensions	690 x 590 mm
Shelf spacing	89 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	1 kW
Circulating fan	1
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