



Australia's premium manufacturer  
of medical and laboratory products

## Product Specification Sheet

Series Soil Drying Ovens  
Model ds-800

800 litre soil drying oven



\*Specifications subject to change without notice

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AS1289 - 2000	Compliant
AS1141 - 1999	Compliant
Average evaporation rate	35g/hour
Chamber capacity	800 Litres
Standard dual chamber design	1 set of shelves per door
Chamber width	705 mm
Chamber depth	600 mm
Chamber height	849 mm
Single chamber design	Optional
Chamber width	1490 mm
Chamber depth	600 mm
Chamber height	849 mm
Chamber material	Stainless Steel 304L
External width	1895 mm
External depth	762 mm
External height	1861 mm
External material	Durable epoxy powder-coated steel
Recommended clearance	75mm on sides and rear
Temperature range	(Ambient + 7C) to 150C
Temperature sensor	Pt100
Control accuracy	0.1 C
Temporal stability	0.2 C
Available shelf positions	16 (8 per door)
Shelves supplied	4 (2 per door)
Shelf dimensions	690 x 590 mm
Shelf spacing	95mm
Shelf capacity	50 KG
Insulation type	Mineral Wool - asbestos free
Insulation thickness	50mm



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Circulating fans	2
Airflow System	Moisture extraction system for high performance drying of moisture laden content utilizing. Fresh dry air intake—Hot moist air extraction
Exhaust diameter (mm)	63 - top mounted
Electrical supply	Single phase, 220 - 240V, 50 - 60 Hz (alternatives available on request)
Element rating	4.4 kW
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

- Single chamber design
- Additional shelves
- 8 Step programmable controller
- 500 Step programmable controller
- Side access port - 50 mm
- Fan speed controller
- RS232 or RS485 comms module
- Ethernet comms module
- ISPM 15 compliant crating for export
- Calibration certificate
- Swivel castors - Front lockable
- Modulating Valve (Baffles fresh air intake). Increased maximum temperature to 200C