



Refrigerated Incubators

*Designed and manufactured in Australia by
Thermoline Scientific*

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Proudly Family- Owned and Operated

Today, we remain a proud second-
generation family business



A family
owned
Australian
business



Refrigerated Incubators

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When the desired temperature is lower than the ambient temperature, refrigerated incubators are the ideal solution. These incubators are specially designed to maintain a constant temperature range of +5°C to +45°C (+10°C to +45°C for the 145L cabinet), and they are equipped with a refrigeration system that keeps the internal temperature cool and consistent.

- **Models available:**

Thermoline has three refrigerated incubators available, with the 520L and 1100L sizes designed and manufactured in Australia. Glass or solid doors are optionable and are key lockable to keep your products and samples safe. .



- **Digital Controller:**

The Omron E5CC uses an automated programmable microprocessor to control the temperature within +/-0.1°C. The bright LED display has a range of functions including high alarm, temperature calibration and optional programmable multi-setpoint functions.

- **Fan Forced Air Circulation:**

Fan-forced air circulation is a process of circulating air using a fan to distribute it evenly throughout the space. Circulating the air has several benefits, including much better temperature uniformity throughout the workspace and increased efficiency due to reducing the workload on heaters.



- **Stainless Steel Interior:**

Stainless steel is durable, easy to clean and corrosion resistant, making it the perfect choice for high heat tasks. Stainless steel is used here to ensure the most corrosive-resistant liner possible (520-1100L models).

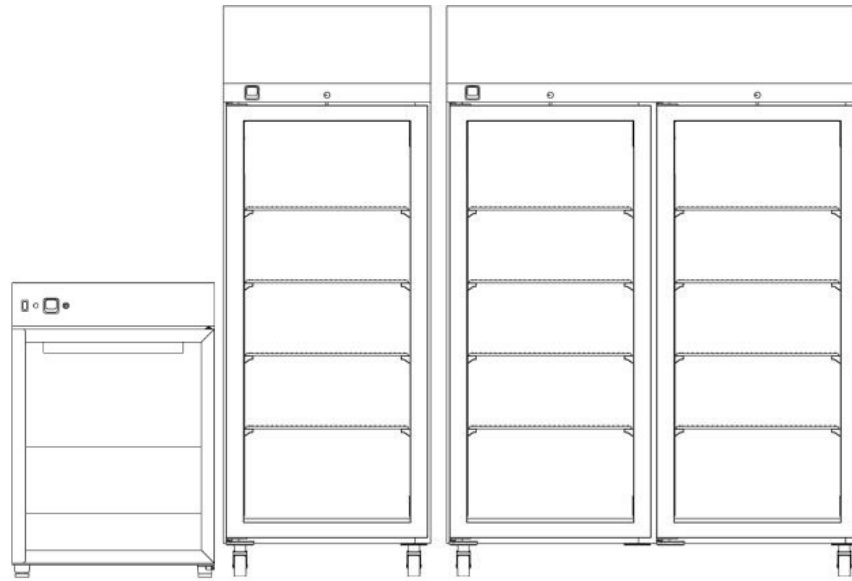
- **Over-temperature Safety:**

The digital temperature control incorporates an automatic over-temperature alarm which will activate and shut down power to the heating elements in the case of a temperature malfunction.



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Dimensions

External

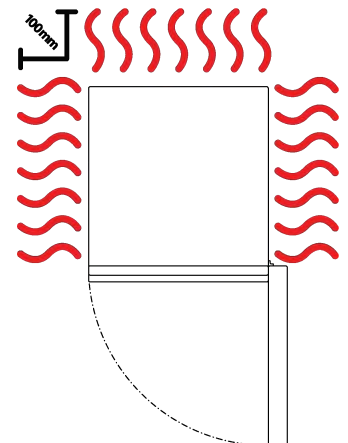
	TRI-145-1-(GD/SD)	TRI-520-1-(GD/SD)	TRI-1100-2-(GD/SD)
WxDxH (mm)	600x600x900	740x840x2010	1470x840x2010

Internal

WxDxH (mm)	510x430x610	590x530x1430	1320x530x1430
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Clearance

	TRI-145-1-(GD/SD)	TRI-520-1-(GD/SD)	TRI-1100-2-(GD/SD)
Front (mm)	600	740	
Back (mm)		100	
Sides (mm)		100	



See our Bench Top Incubator Range.

20L, 50L, 80L, 120L and 280L

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Technical Specification

	TRI-145-1-(GD/SD)	TRI-520-1-(GD/SD)	TRI-1100-2-(GD/SD)
Temperature Range	+10°C to +45°C	+5°C to +45°C	
Temperature Control Stability	+/- 0.1°C		
Temperature Uniformity	+/- 1.0°C		+/- 2.0°C
Nominal Capacity	145L	520L	1100L
Porthole Diameter	13mm		
Weight	80kg	160kg	280kg
Electrical	450W/230V		900W/230V

Features

	TRI-145-1-(GD/SD)	TRI-520-1-(GD/SD)	TRI-1100-2-(GD/SD)
Shelves (max @100mm spacing)	4 (max 4)	4 (max 11)	4 levels (max 11)
Castors	X	✓	✓
Fan Forced Air Circulation	✓	✓	✓
Omron E5CC Controller	✓	✓	✓
Door Locks	X	✓	✓
BMS Plug	✓	✓	✓
Ecofoam Insulation	✓	✓	✓

Safety

Over Current Protection	✓	✓	✓
Over Temperature Safety	✓	✓	✓

Options

Glass or Solid Doors	Nomenclature designations: Glass Door (GD), Solid Door (SD)
Additional Shelves	Additional shelves to suit
Customisable Port Hole	Add additional 13mm port holes or choose 50mm port holes





We are proudly Australian owned

We will continue to invest in Australian
manufacturing.

