



# Laboratory Incubators

*Designed and manufactured in Australia by  
Thermoline*

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# Proudly Family- Owned and Operated

Today, we remain a proud second-generation family business



A family  
owned  
Australian  
business



# Laboratory Incubators

Designed and Manufactured by **Thermoline**

The Thermoline Premium Incubator range is designed and manufactured to provide safe and precise temperature conditions for your research and samples stored inside. With a digital microprocessor control and a temperature range from ambient +5°C to +60°C, our upright incubator is the economical choice for all non-critical samples requiring incubation.

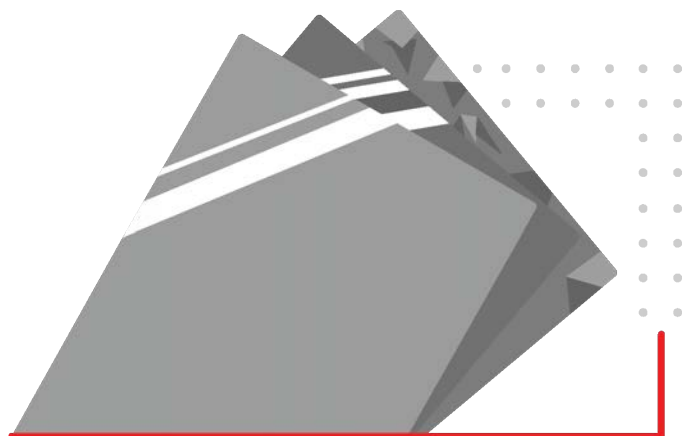
Thermoline has seven laboratory incubators available, all designed and manufactured in Australia. This premium upright range is made to meet your clinical environment's high standards; our upright incubators are innovative, easy to use and deliver consistent performance.

This large capacity range features fan-forced air circulation for superior temperature uniformity and fast temperature recovery after door openings.

The premium range also features the option of either solid or glass doors.

## "This product is Proudly Australian Made."

Thermoline have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry.



## "Built to last, using the best materials."

Thermoline uses the best materials that are able to withstand prolonged use and maintain their structural integrity. Materials such as Galvanised Steel, Aluminium, Zinc and Stainless Steel are commonly used in products that are subject to wear and tear. Benefits of these materials include:

- **Corrosion resistance.**
- **Lightweight.**
- **High load stress resistance.**
- **Low Maintenance.**

## Our difference is in our commitment

For over 50 Years we have provided industry leading equipment and service



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## "Providing the new industry standard since 1970."

Since 1970, Thermoline lab equipment has been the proven industry standard. Our products appear in thousands of labs across the country and have been trusted for all general or critical research applications.

### 2 Year Warranty!

Thermoline offers a comprehensive two years parts and labour warranty on all Australian Made products.



- **Australian Made:**

This range is designed and manufactured by Thermoline. We proudly promote and support the Australian Made logo.

- **Proven Reliability:**

With Thermoline's longstanding track record of consistent performance through the use of durable materials and rigorous testing, you can trust in our product's dependable performance.

- **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.  
(Plastic coated shelves)

### **Solid or Glass Door:**

All three sizes come with an option of either solid or glass doors. Samples sensitive to light may require incubation behind a solid door. Clear glass doors allow the operator to view inside before opening the door.

- **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.

- **Digital PID Microprocessor Controller:**

The Omron E5CC-T uses an automated programmable microprocessor to control the temperature within  $\pm 0.1^{\circ}\text{C}$ . The bright LED display has a range of functions including high alarm, temperature calibration and programmable multisetpoint functions.

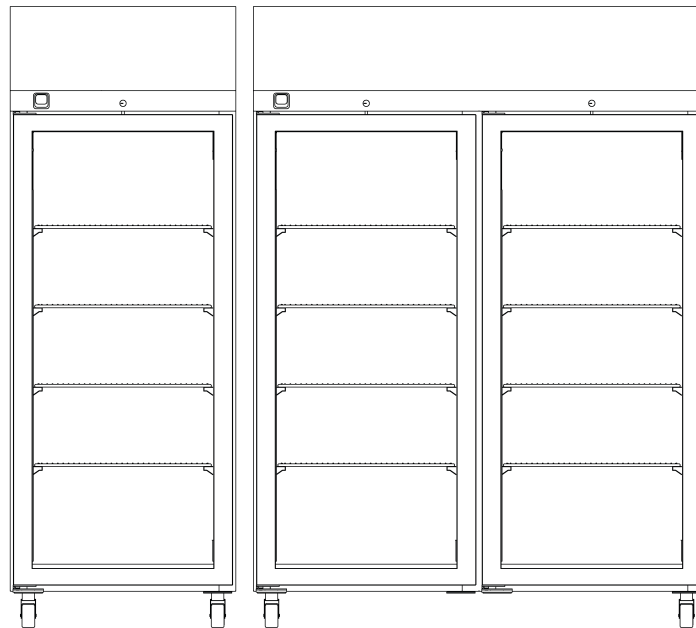
- **Over-temperature Safety:**

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

TI-520F-(GD/SD)

TI-1100F-(GD/SD)

WxDxH (mm)

740x840x2010

1470x840x2010

### Internal

Width (mm)

590x530x1430

1320x530x1430

### Clearance

TI-520F

TI-1100F

Front (mm)

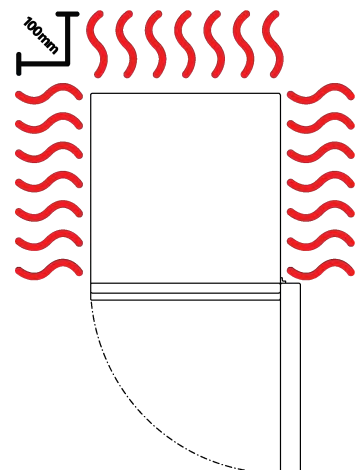
740

Back (mm)

100

Sides (mm)

100



**See our Bench Top  
Incubator Range.**

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

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## Technical Specification

	TI-520F-(GD/SD)	TI-1100F-(GD/SD)
Temperature Range	Ambient +5°C to +60°C	
Temperature Control Stability	+/- 0.1°C	
Temperature Uniformity	+/- 1.0°C	+/- 2.0°C
Nominal Capacity	520L	1100L
Porthole Diameter	13mm	
Weight	150kg	270kg
Electrical	450W/230V	900W/230V

## Features

Shelves	4	4 levels
Castors	✓	✓
Fan Forced Air Circulation	✓	✓
Omron E5CC-T Controller	✓	✓
Door Locks	✓	✓
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 Plastic Coated 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.

