

Thermoline
S C I E N T I F I C

Laboratory Incubators

*Designed and manufactured in Australia by
Thermoline Scientific*

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 Scientific**

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

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

Thanks to the simple switch on the front of the incubator, you can change between fan-forced and natural convection whenever you need.

The 20L to 120L models all feature an option (standard on TI-280F) for an internal clear polycarbonate door allowing the operator to open the outer door and view their samples inside without interrupting the temperature conditions.

"This product is Proudly Australian Made."

Thermoline Scientific 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 Scientific 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."

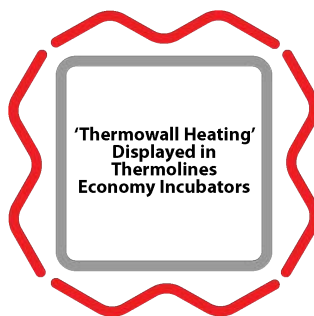
Since 1970, Thermoline lab equipment has been the proven industry standard. Our products appear in thousands of labs across the country and have been trusted for all general or critical research applications.

2 Year Warranty!

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

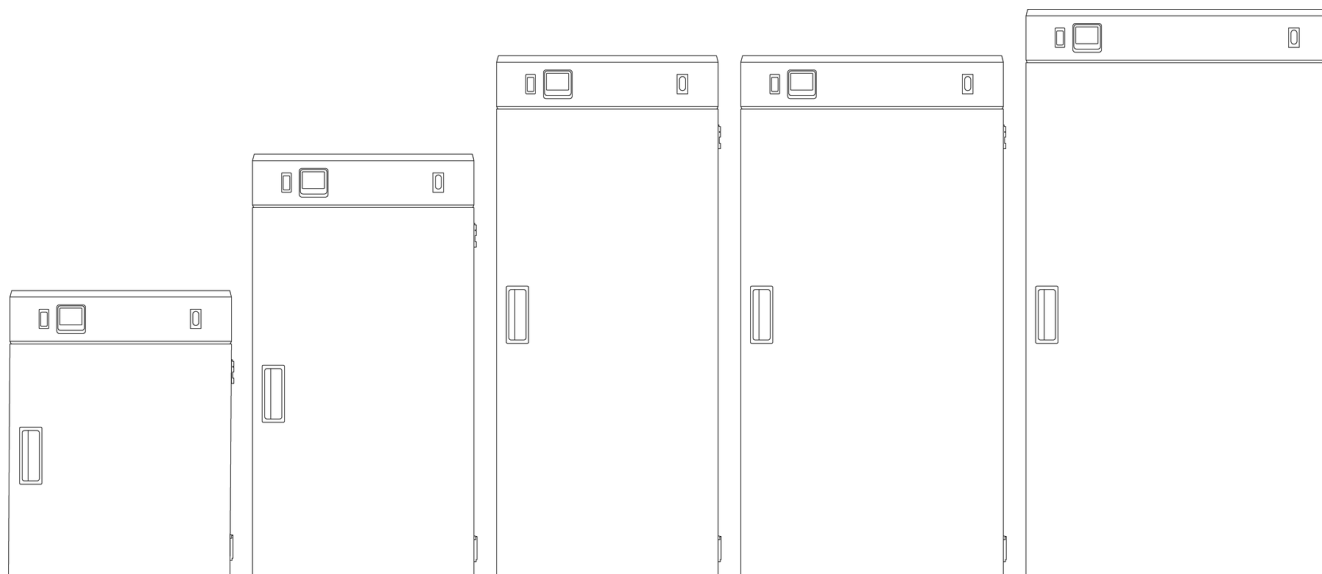


- **Australian Made:**
This range is designed and manufactured by Thermoline. We proudly promote and support the Australian Made logo.
- **Proven Reliability:**
With Thermoline's long-standing track record of consistent performance through the use of durable materials and rigorous testing, you can trust 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. 316 marine-grade stainless steel is used here to ensure the most corrosive-resistant liner possible.
- **Fan Forced or Natural:**
Fan-forced systems use a fan to circulate warm air, while natural convection systems rely on the gentle upward movement of warm air to circulate heat. These incubators allow you the choice of either method via a switch in the front control panel.
- **Digital PID Microprocessor Controller:**
The Omron E5CC 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 and optional programmable multi-setpoint functions.
- **Thermo-Wall Heating:**
Our unique Thermo-Wall heating consists of heating pads fixed to the exterior of the liner that are controlled by the cabinet's Omron PID controller. This creates an environment where heat is uniformly distributed from all sides and through the floor.



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Dimensions

External

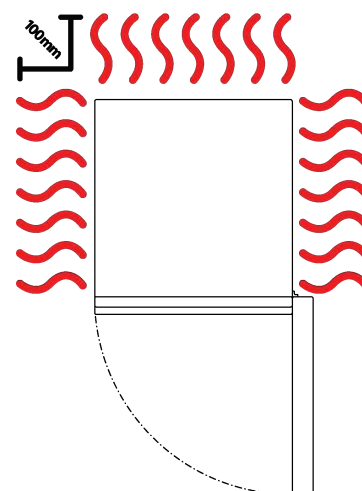
	TI-20F	TI-50F	TI-80F	TI-120F	TI-280F
WxDxH (mm)	370x380x470	370x380x720	370x380x910	465x485x985	570x595x1235

Internal

WxDxH (mm)	300x300x235	300x300x485	300x300x675	395x405x735	500x505x985
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Clearance

	TI-20F	TI-50F	TI-80F	TI-120F	TI-280F
Front (mm)		370		465	570
Back (mm)			100		
Sides (mm)			100		



See our premium upright range!
360L, 520L and 1100L

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Technical Specification

TI-20F

TI-50F

TI-80F

TI-120F

TI-280F

Temperature Range

Ambient +5°C to +60°C

Temperature Control Stability

+/- 0.1°C

Temperature Uniformity

With Fan +/- 0.5°C | Without Fan +/- 2.0°C

Nominal Capacity

20L

50L

80L

120L

280L

Porthole Diameter

13mm

Weight

15kg

18kg

30kg

50kg

80kg

Electrical

100W/230V

130W/230V

175W/230V

310W/230V

515W/230V



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Features

	TI-20F	TI-50F	TI-80F	TI-120F	TI-280F
Shelves (max @100mm spacing)	2 (max 2)	3 (max 4)	4 (max 6)	4 (max 6)	5 (max 7)
Adjustable Feet	X	X	X	X	✓
Internal Fan	✓	✓	✓	✓	✓
Fibreglass Insulation	✓	✓	✓	✓	✓
Omron E5CC Controller	✓	✓	✓	✓	✓
Solid Door	✓	✓	✓	✓	✓
Inner Polycarbonate Door	Optional				✓

Safety

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

Options

BMS Plug	No volt contact closure plug and socket connection to a Building Management System
Additional Shelves	Additional Stainless Steel shelves to suit
Door Locks	Key lockable door locks
Customisable Port Hole	Add additional 13mm port holes or choose 50mm port holes
Castors	Castors can be fitted to allow for easy moving of the cabinet. Not recommended for cabinets mounted on a bench.





We are proudly Australian owned

We will continue to invest in Australian
manufacturing.

