

Thermoline  
S C I E N T I F I C

# High Temperature Oven

*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



# High Temperature Oven

Designed and Manufactured by **Thermoline Scientific**

The Thermoline High Temperature oven is a type of laboratory oven that achieves temperatures up to **+300°C - 100°C higher than the standard range of lab ovens.**

High temperature laboratory ovens are used in a variety of applications, such as in materials research, metallurgy, and chemical processing. They can be used to heat materials for annealing, sintering, drying, curing, and other processes.

Thermoline has one high temperature lab oven designed and manufactured in Australia. This oven is economical and very easy to use, making it an ideal choice for applications where temperatures up to +300°C are required for your particular application.

## "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



LABORATORY OVEN

Thermoline  
SCIENTIFIC



**DANGER**  
HOT SURFACE  
DO NOT TOUCH

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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

### 2 Year Warranty!

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



- **Australian Made:**

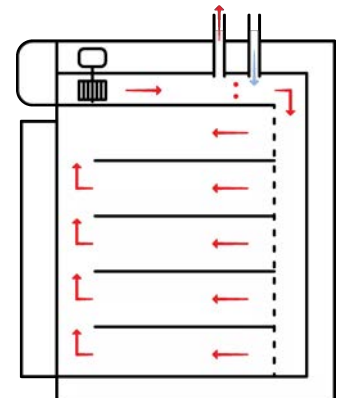
This range is designed and manufactured by Thermoline. We proudly promote and support the Australian Made logo.
- **Incoloy Heating Element:**

Incoloy is a type of superalloy that is renowned for its exceptional ability to withstand high temperatures, resist oxidation, and other forms of high-temperature corrosion. Given these characteristics, Incoloy is used in all Thermoline ovens.
- **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, temperature calibration and optional programmable multi-setpoint functions.
- **Stainless Steel Interior:**

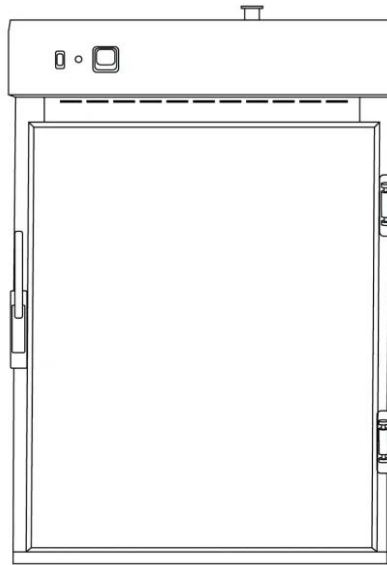
Stainless steel is durable, easy to clean and corrosion-resistant, making it the perfect choice for high heat tasks. 316 marine-grade stainless steel is used here to ensure the most corrosion-resistant liner possible.
- **Fan Forced Air Circulation:**

Fan-forced air circulation is a process of circulating air using a fan to distribute it evenly throughout the space. Thermoline's horizontal airflow blows dry air across each shelf for effective drying anywhere inside the oven. Heated air is blown down the rear of the oven where it is then forced over the shelf spaces via a perforated rear wall.



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## Dimensions

### External

TOH-150F

WxDxH (mm)

630x660x1010

### Internal

WxDxH (mm)

500x510x600

### Clearance

TOH-150F

Front (mm)

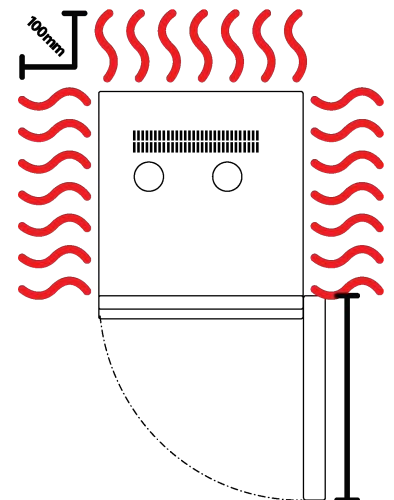
630

Back (mm)

100

Sides (mm)

100



See our Drying Oven Range.

80L, 150L, 250L, 500L, 700L and 630L

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## Technical Specifications

TOH-150F

Temperature Range	Ambient +10°C to 300°C
Temperature Uniformity	+/-4°C @ 200°C
Heater Power	1500 watts
Electrical	6.5A/230V
Nominal Capacity	150L
Porthole Diameter	13mm
Weight	100kg

## Features

Shelves (max @100mm spacing)	3 (max 4)
Lockable Castors	✓
Rockwool High Temp Insulation	✓
Omron E5CC	✓

## Safety

Over Temp Safety	✓
Over Current Protection	✓

## 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



**We are proudly  
Australian owned**

We will continue to invest in Australian manufacturing.

