



Thermoline

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S C I E N T I F I C

CAPABILITIES

# INTRODUCTION

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**Thermoline Scientific has been designing and manufacturing Temperature Controlled and Simulated Environment Test Enclosures in Australia since 1970. Thermoline Scientific is one of Australia's leading manufacturers and suppliers of laboratory research and medical equipment, with a reputation for performance, quality and value for money.**

The company was registered in 1970 and manufactured temperature controlled equipment such as ovens, incubators, and refrigeration equipment including laboratory freezers and refrigerators plus many specially designed custom products.

In 1996 Thermoline acquired the Queensland refrigeration company of Lindner and May. After manufacturing there for some years, Thermoline Scientific has now merged the operation to a sales office only with all manufacturing being carried out in NSW.

The company is now a major manufacturer of Laboratory Equipment including a large range of Refrigerated Equipment which is supplied to Australian scientific research and industrial users.

In July 2008, Thermoline merged with Sydney importing company All-Lab Scientific and now offer a much larger range of laboratory products including glassware and plasticware.

June 2011 marked another milestone with Thermoline moving from its long term premises in Smithfield to a new modern factory in Ross Place, Wetherill Park.



# FIFTY YEARS AND COUNTING

Thermoline has grown to be a leading brand in the science industry with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

From a simple temperature turn dial in 1970 to digital touch screen controllers in 2020, Thermoline's products have evolved over 50 years, yet during this period have always maintained ultimate reliability even in the most demanding conditions.

2020 marks an important milestone in Thermoline's history as the company moves forward into a new manufacturing era which enables us to develop and craft products for many years to come.



1970	1996	2008	2009	2010	2011	2020
Thermoline Scientific company registered	Aquisition of QLD refrigeration company Linder & May	Merger with imports company All-Lab Scientific	Creation of online store LabDirect	Thermoline celebrates 40 years of service	Expansion to new modern manufacturing facility in Ross Place, Wetherill Park	Thermoline celebrates 50 years of service







## A COMMITMENT TO SERVICE

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Our experience in designing and manufacturing temperature controlled and simulated environment test enclosures is the backbone on which our company is built, and we continue our commitment to serving the various industries in Australia with high quality products such as laboratory ovens, freezers and refrigerators.

Our customers need is at the centre of every product design. The focus is squarely on what makes the user appreciate the simplicity and reliability of a quality Australian Made laboratory product. Our longstanding history in the industry has given us the knowledge and experience to manufacture the high performing laboratory equipment that our customers need most.

These are backed by sales and service teams alongside a full network of distributors.

At the heart of our manufacturing is a 'right first time' culture, within a framework of continuous improvement, based on international quality principles.

Product integrity is assured through sophisticated functional and electrical testing. All products are built for performance, reliability and durability, even in the toughest and most arduous of conditions.

The manufacturing strategy is driven by best practice and investment in the latest production technology, components and automated processes.

Thermoline's 'right first time' philosophy means that its products provide years of trouble free operation and are easy to service and maintain.

**Thermoline continues to be a wholly Australian owned and operated family business.**





## OUR PRODUCTS

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**Thermoline offers a vast product range with many choices of temperature, humidity, lighting and sizes available. We offer customisation of many products to suit all applications for ultimate flexibility.**

The range includes high temperature ovens, low temperature freezers, incubators, water baths, plant growth cabinets, vaccine storage and laboratory refrigerators, just to name a few. Not only do we have our own Australian Made range of products, but we also import specialty products from some of the world leaders in their own niche fields.

We work with end users, resellers, service agents, builders and architects to create solutions and to meet individual requirements, utilising the full range of products we have to offer.



**Thermoline's Australian Made Refrigerated Temperature and Humidity Chamber**

REFRIGERATORS	Our range of vaccine storage and laboratory refrigerators provide the reliability and security that's essential for busy labs where a stable temperature control is required. A choice of sizes starting at under bench up to large triple door models are available.
FREEZERS	With various temperature ranges and sizes available, there is sure to be a freezer available to suit any requirement. General -20°C laboratory freezers, to lower temperature -30°C freezers all the way down to ultra low -80°C freezers for storage of everything from cryovials to wheel bearings.
INCUBATORS	Our Australian Made range of incubators are designed for accurate and stable temperature control where samples require gentle heating at moderate temperatures. The smaller range features the unique ability to operate with or without a fan operating offering greater flexibility and multi uses.
OVENS	Our ovens are widely used in many industries including typical applications include moisture removal from powder, soil, paper, timber, plaster, fabric, coal and many other minerals. The ovens feature a high air flow rate to ensure effective drying and chamber heating.
WATER BATHS	Thermoline's range of laboratory water baths are trusted for their consistency in delivering outstanding performance and reliability in the lab. Manufactured to accommodate many temperature ranges from below 0°C up to boiling, there's a bath available for any application.
ENVIRONMENTAL CHAMBERS	Temperature and humidity cabinets are our bread and butter. These are the products Thermoline was built upon and are renown for not just in Australia, but throughout the Asia Pacific region. Temperature and humidity control are critical in these applications and Thermoline builds a world class line of environmental cabinets.
PLANT GROWTH	Another product the success of Thermoline can be attributed to. Designed and built right here in Australia, the plant growth range of cabinets and large capacity chambers feature touch screen controls and the latest in LED technology. Thermoline plant growth cabinets are trusted by hundreds of customers with their most critical research projects.
COOLERS	Thermoline manufacture a range of low temperature coolers which can provide fast and effective liquid cooling for a wide range of testing applications. Models include immersion cooling (with probe) and pumped recirculating models up to 3kw heat extraction.
WARMERS	The warmers range covers many products from blanket warmers for hospitals and care facilities, down to microscope slide warming trays and hot air drying. The warmers are ideal for gentle warming and drying small items and are essential in all laboratories.



# INNOVATION & DEVELOPMENT

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**Continuous improvement is at the heart of every product being built. Our internal Quality Management System demands the continuous improvement of products, from which enhancements are developed and made available.**

The main focus of these challenges often varies between application, environmental, energy and cost led. Thermoline responds to all such challenges with a can-do attitude and a wealth of technical know-how, with the solutions often leading to the development of new products released to market.

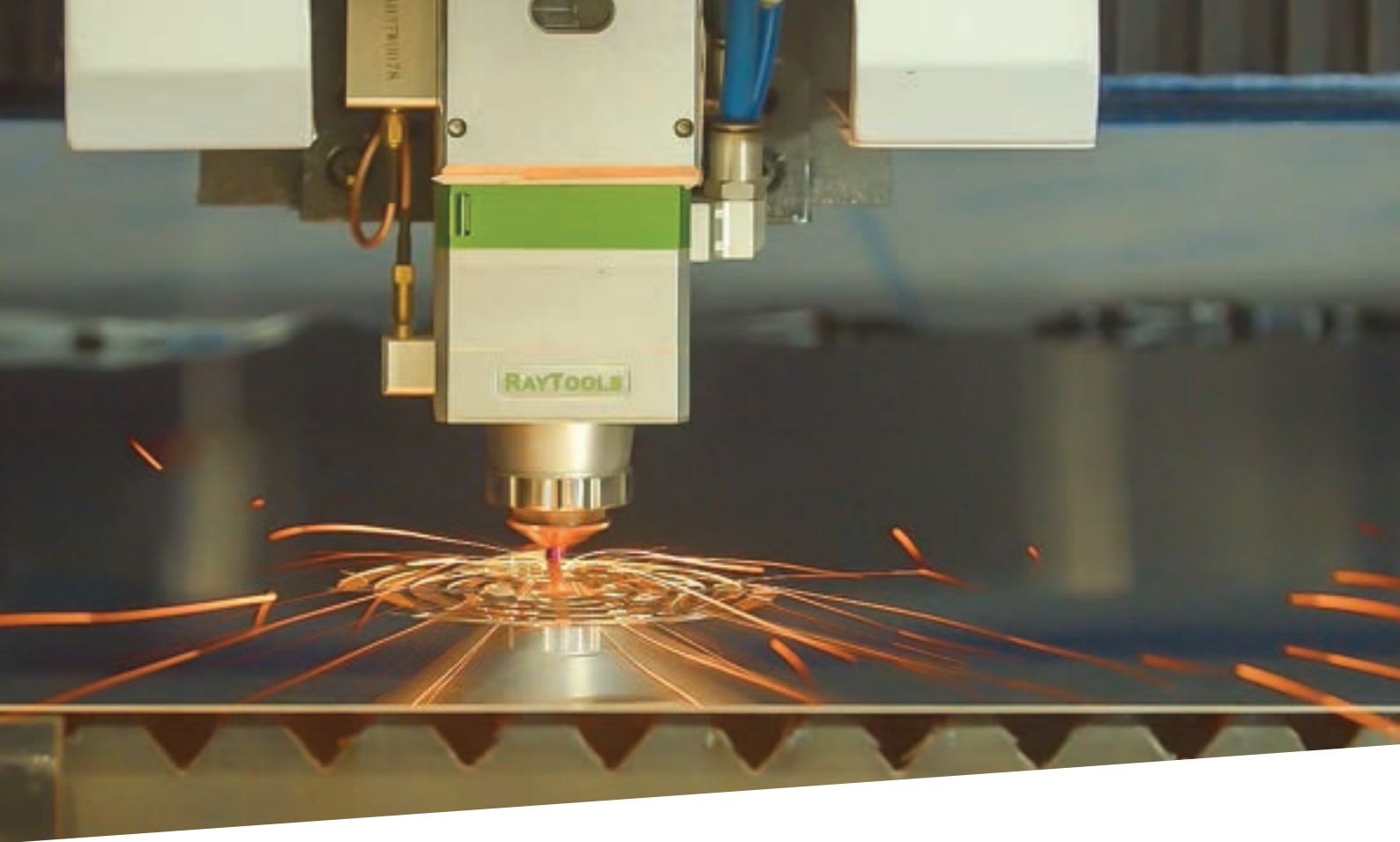
With recent investment into CNC laser cutter and other highly accurate machinery, the ability to custom make any product has been made significantly more possible and more cost effective for our customers. Typical requests are for our standard product to be bigger or smaller depending on the space, a varying of temperature requirements or even heavier duty components to withstand harsher conditions or bigger capacity.

Thermoline Scientific has a team of engineers and tradespeople with the skill and experience to be able to modify our existing products or even develop something completely custom from the ground up.

Whether it be an oven or incubator for a specific location or a water bath and lid to fit a certain product inside, Thermoline can modify an existing product to suit your specific requirement. Know that your custom product is built on Thermoline's proven reliability.







## EQUIPMENT & CAPABILITIES

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**We have recently invested in upgrading our core manufacturing machinery to include a 9 x 5m 1kw CNC Fiber Laser Cutter and 110ton x 3100mm CNC Press Brake. This machinery, along with the upgrade in CAD software, has enabled Thermoline to not only reduce lead times but to also increase the accuracy and quality of our products to level on par with the best in the world.**

The ability to customise products to suit specific applications has made the product a lot more compatible with specific locations or requirements needed by our customers.

We currently employ 30 staff with various skills and certifications throughout the business. In manufacturing, we have tradespeople with refrigeration, electrical, plumbing and sheet metal fabrication certificates. Led by an experienced management team with design and engineering backgrounds, we can often design and manufacture a product to suit any custom application.



**Thermoline's Australian Made Refrigerated Temperature and Humidity Chamber**





## MADE IN-HOUSE

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**The Australian Made Logo certification trade mark was created by the Australian Government in 1986 to promote Australian made products in local and export markets.**

The triangular logo encasing a stylised kangaroo is the most recognised and trusted country of origin symbol in Australia, enjoying a 99.6 per cent recognition level amongst Australian consumers. For these reasons, Thermoline was proud to support and promote the initiative that is informing our customers and the industry that we do still manufacture Australian Made products in Australia, and we are pretty good at it too.

Australian Made products are generally considered to be some of the best and most reliable products in the world. We are proud of our history, our heritage and we're honoured to wear the green and yellow triangle on all the products we manufacture right here in Western Sydney.





CELEBRATING  
50  
YEARS

Thermo  
SCIENTIFIC

CELEBRATING  
50  
YEARS

Thermo  
SCIENTIFIC

DEHYDRATING OVEN

WARNING:  
THIS OVEN IS NOT DESIGNED FOR USE IN HAZARDOUS  
LOCATIONS WHERE FLAMMABLE, TOXIC, OR CORROSIVE  
GASES MAY BE PRESENT.



# CUSTOMERS



## Hospitals

St Vincent's Hospital
Royal Children's Hospital
John Hunter Children's Hospital
Chris O'Brien Lifehouse
The Royal Women's Hospital
Children's Hospital at Westmead
The Royal Melbourne Hospital
Royal Prince Alfred Hospital
The Alfred Hospital
Sydney Children's Hospital

## Universities

Western Sydney University
The University of Sydney
The University of NSW
Australian National University
Monash University
The University of Queensland University
The University of Melbourne
James Cook University
Queensland University of Technology
University of Technology Sydney



## Research Organisations

CSIRO
ANSTO
Peter MacCallum Cancer Centre
Australian Red Cross Blood Services
The Murdoch Children's Research Institute
The Harry Perkins Institute of Medical Research
The Victor Chang Cardiac Research Institute
Olivia Newton-John Cancer Research Institute
Garvan Institute of Medical Research
Neuroscience Research Australia

## Government & Industry

NSW Police
CSL Limited
NSW DPI
Cochlear
WesTrac
Pfizer
Eurofins
BlueScope
BORAL
Pharmaxis



# COMMITTED TO IMPROVING OUR ENVIRONMENTAL PERFORMANCE

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**We have a responsibility towards the environment and the impact our business has on it. That's why we aim to prevent pollution and limit waste, through the implementation of an Environmental Management System.**

## **This is how we intend to achieve this goal**

- Comply fully with all relevant environmental legislation and follow best industrial practice.
- Encourage full participation and commitment of all employees in the production processes on environmental issues.
- Reduce our impact on the environment through the adoption of waste reduction and recycling practices wherever practical.
- Ensure that all the materials used are unloaded, used, stored and disposed of in an environmentally responsible manner.
- Ensure that the environmental management system is fully documented and reviewed to ensure sound environmental practice and achieve continual improvement.
- Find ways to minimise energy consumption.
- Review the environmental impact of future plant, equipment and locations prior to its purchase and use.
- Cooperate with the public, customer and other interested parties on environmental issues.
- Thermoline has adopted a zero-tolerance refrigerant leak strategy.
- Investment has been made in energy-saving technologies including installation of low energy lighting throughout the offices and factories.





# LABDIRECT.COM.AU

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Established in 2009, Thermoline's easy-to-use online store, LabDirect, has been supplying quality approved lab glassware, plasticware and compact equipment to small and large organisations Australia wide.

LabDirect now ships thousands of orders every year to private, medical, educational and research industry sectors.

**Buy online: [www.labdirect.com.au](http://www.labdirect.com.au)**

## Key Brands Include

PYREX

TECHNOPLAS

KARTELL

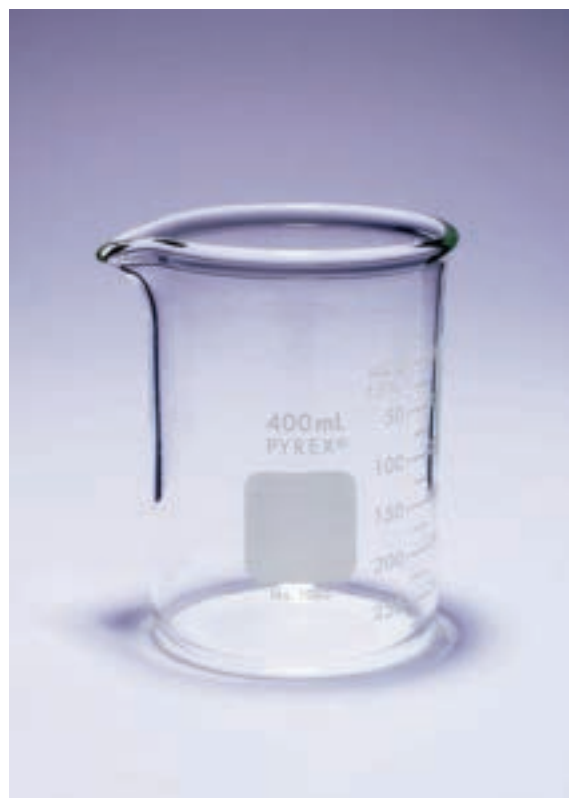
CARLTON GLASS

WATSON

FALCON

LASCAR

LABGLASS





## LOCATION & CONTACT

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Thermoline's head office is located in Wetherill Park, Western Sydney.

### **Get in touch with our friendly team**

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