

Thermoline
S C I E N T I F I C

Dry Block Heater

*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



DRY BLOCK HEATER



Dry Block Heater

Designed and Manufactured by **Thermoline Scientific**

The Thermoline Dry Block Heater is designed to provide uniform dry heating of various shapes and sizes of tubes and vials featuring a wide temperature range from ambient +10°C to 200°C with an accurate control stability of +/- 0.2°C.

Heating blocks provide a safe, convenient and productive alternative to heating mantles and hotplates for accurate heating of PCR tubes, PCR strips, microcentrifuge tubes, microplates and cuvettes. Our single and triple aluminium block designs offer precise temperature control in small vessels.

Thermoline has two laboratory dry block heaters, both designed and manufactured in Australia. Sometimes known as a dry bath, the heated aluminium blocks allow for superior temperature stability and provide reliable and repeatable results.

Since 1970, Thermoline's dry block heaters have been the proven industry standard. Our TDB heaters appear in hundreds of labs across the country and have been trusted for all general or critical research applications.

"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.

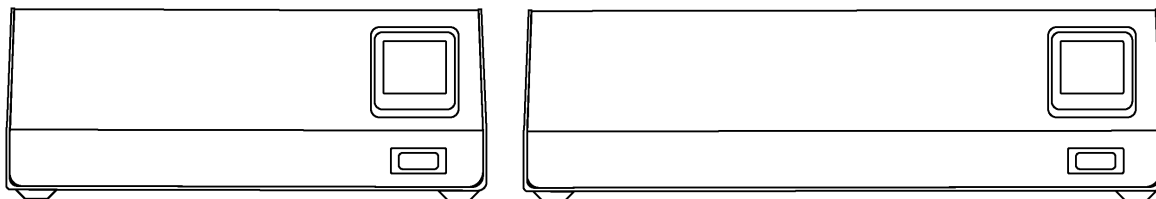


- **Australian Made:**
This range is designed and manufactured by Thermoline. We proudly promote and support the Australian Made logo.
- **Proven Reliability:**
With Thermoline's long standing track record of consistent performance through the use of durable materials and rigorous testing, you can trust in our products dependable performance.
- **Digital PID Microprocessor Controller:**
The Omron E5CC uses an automated programmable microprocessor to control the temperature, allowing it to control the temperature to within 0.1°C. The bright LED display has a range of functions including high alarm and optional programmable multi-setpoint functions.
- **High Control Accuracy:**
Our product boasts high control accuracy through an Omron E5CC controller, performing with precision and accuracy. Ensuring maximum efficiency and reliability through advanced technology.
- **Solid Aluminium Blocks:**
With 23 different block configurations available, and the capability to manufacture custom blocks, you can be sure that there's either a standard block to suit or we'll make one to suit your needs.
- **Powder Coated Exterior:**
The attractive Wedgewood blue powder coated exterior is the signature look of most Thermoline products. The body is manufactured from aluminium, so it remains lightweight while being solid and robust.



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Dimensions

External

	TDB-1	TDB-3
WxDxH (mm)	245x180x120	425x180x120

Internal

WxDxH (mm)	80x100x50	240x100x50
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Technical Specifications

Block Capacity	1	3
Temperature Range	Ambient +10°C to 200°C	
Temperature Uniformity	+/-0.2°C to 100°C	
Controller Type	Omron E5CC PID Microprocessor	
Safety	Over Temperature Safety/Over Current Protection	
Electrical	125W/230V	250W/230V
Weight	1.8kg	3kg
Fibreglass Insulation	✓	✓

2 Year Warranty!

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



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Block Configuration	Qty of Holes	Diameter (mm)	Depth (mm)
DBAB 0	None	Single Plain	N/A
DBAB-000	None	Single Plain	N/A
DBAB-1	30	6	40
DBAB-2	20	8	40
DBAB-3	20	10	40
DBAB-4 (2.0ml Micro Tubes)	20	12	40
DBAB-5	20	14	40
DBAB-6	12	15	40
DBAB-7	12	16	40
DBAB-8	12	17	40
DBAB-9	8	18	40
DBAB-10	8	19	40
DBAB-11	8	20	40
DBAB-12	8	21	40
DBAB-13	8	22	40
DBAB-14	6	23	40
DBAB-15	6	24	40
DBAB-16	6	25	40
DBAB-17	6	26	40
	Qty of Holes	Size (ml)	Depth (mm)
DBAB-18	30	0.2	16*
DBAB-19	20	0.5	28**
DBAB-20	20	1.5	34**
DBAB-21	96 Plate Well = 2 Blocks		

* Parallel Holes (mm)

** Tapered Holes (mm)



**We are proudly
Australian owned**

We will continue to invest in Australian
manufacturing.

