



**Thermo Scientific
Dry Baths / Block Heaters**

reproducible results
you can trust

Thermo
SCIENTIFIC

Thermo Scientific Dry Baths / Block Heaters

Reliability you can depend on. Thermo Scientific™ versatile dry baths / block heaters offer a wide range of blocks to accommodate various tubes.

Available with digital or touch screen controls, **our units provide outstanding temperature uniformity and stability** that help create the reproducible results that you need.



Digital Dry Bath /
Block Heater pg 3



Touch Screen Dry Bath /
Block Heater pg 4



Compact Dry Bath /
Block Heater pg 6

Thermo Scientific Digital Dry Bath / Block Heater

Increase lab versatility with the Thermo Scientific digital dry baths / block heaters, which offer a range of configurations with interchangeable modular blocks for a variety application needs.



Range of configuration to hold 1, 2 and 4 interchangeable modular blocks to accommodate a variety of vessels and applications



FEATURES

- Digital controls and display of time and temperature
- Built-in temperature sensing probe for outstanding temperature accuracy and control
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer allows the user to accurately monitor the heating time
- Interchangeable aluminum alloy sample blocks provide versatility and allow for easy cleaning and disinfecting
- Powder-coated steel body construction ensures durability

APPLICATIONS

- | | |
|----------------------------|----------------------------------|
| Sample preparation | Electrophoresis gel degeneration |
| Enzyme preservation | Serum coagulation |
| Enzyme-substrate reactions | |
| DNA amplification | |

Thermo Scientific Digital Dry Baths / Block Heaters Ordering Information and Specifications*

Cat No.	88870001	88870004	88870002	88870005	88870003	88870006
Voltage/Hz	100-120V 50/60Hz	200-240V 50/60Hz	100-120V 50/60Hz	200-240V 50/60Hz	100-120V 50/60Hz	200-240V 50/60Hz
Plugs						
Block Capacity	1		2		4	
Controller Type	PID digital					
Temperature Range	Ambient + 5°C – 130°C (Ambient at 25°C)					
Temperature Control Accuracy at 37°C	≤ ± 0.5°C					
Temperature Uniformity at 37°C	≤ ± 1°C					
Timer Range	0-99:59 min or continuous					
Heating Up Time	≤ 20 min 30°C to 130°C				≤ 25 min 30°C to 130°C	
Relative Humidity Tolerance	≤ 80%					
Dimensions L x W x H	288 × 200 × 100 mm 11.3 x 7.9 x 3.9 in		318 × 200 × 100 mm 12.5 x 7.9 x 3.9 in		450 × 200 × 100 mm 17.7 x 7.9 x 3.9 in	
Weight	2.9 kg 6.39 lbs.		3.3 kg 7.28 lbs.		4.7 kg 10.36 lbs.	
Fuse Protector ø5×20	250V 2.5A		250V 5A	250V 2.5A	250V 8A	250V 3.15A
Shipment Includes:	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter
Required Accessories	1 block		2 blocks		4 blocks	
Certification	CE cULus RoHS					
Warranty	2 years					

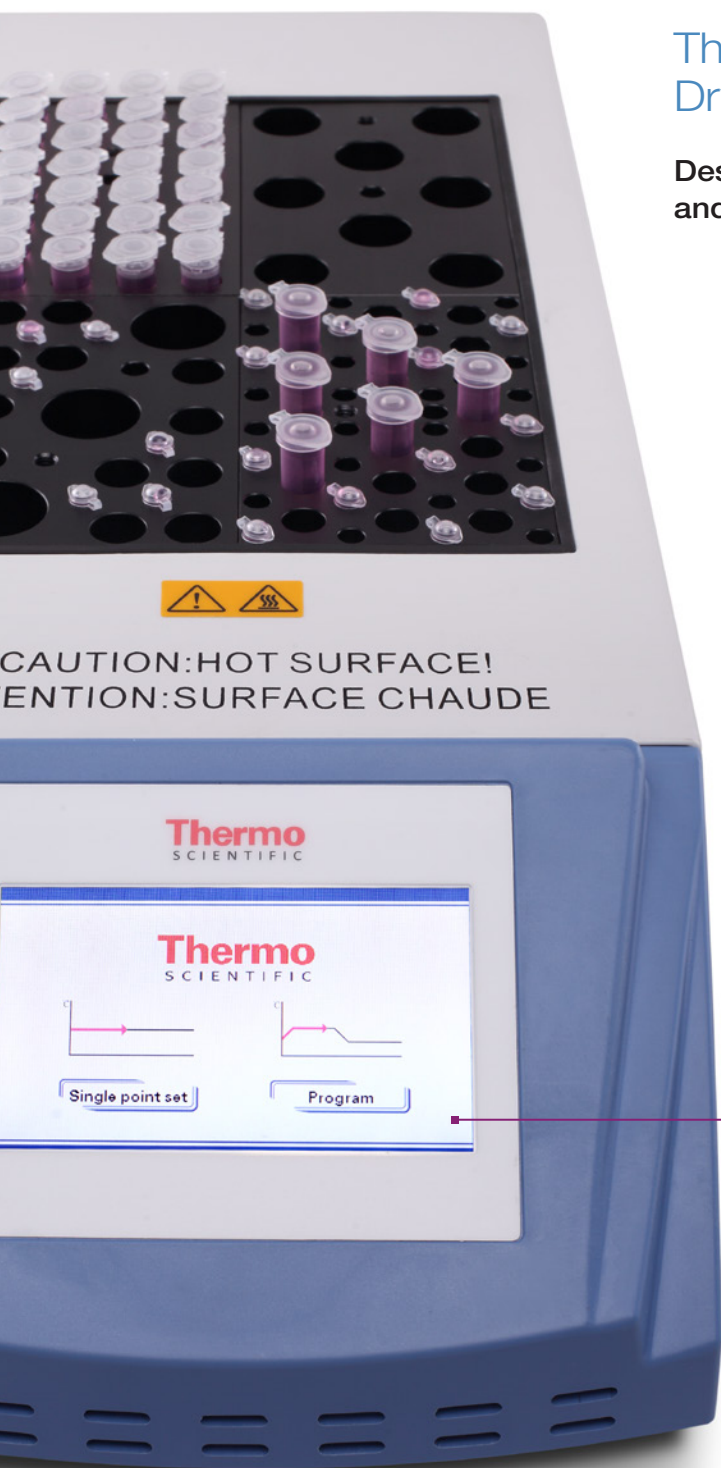
*UNIT MUST BE ORDERED WITH A BLOCK — see page 7 for ordering information

Thermo Scientific Touch Screen Dry Bath / Block Heater

Designed to achieve precise temperature stability and uniformity with an easy-to-use touch screen.

FEATURES

- Built-in temperature sensing probe designed for outstanding temperature accuracy and control
- Temperature deviation adjustment
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer enables the user to accurately monitor the heating time
- Interchangeable aluminum alloy sample blocks designed to provide versatility, easy cleaning and disinfecting
- Range of configuration to hold 1, 2 and 4 interchangeable modular blocks to accommodate a variety of vessels and applications
- Powder-coated steel body construction ensures durability
- When the external temperature sensor is connected, the internal temperature sensor will disconnect automatically, allowing the temperature control and display to rely on the external temperature sensor



Easy-to-use touch screen control displays time and temperature

10 user setting programs, each supports up to 5 sequential steps of different temperatures and duration times

Built in over-temperature protection device is designed to provide reliable operation

APPLICATIONS

Sample preparation
Enzyme preservation
Enzyme-substrate reactions

DNA amplification
Electrophoresis gel degeneration
Serum coagulation

Thermo Scientific Touch Screen Dry Baths / Block Heaters

Ordering Information and Specifications*



Optional PT 1000
temperature probe



Cat No.	88870007	88870010	88870008	88870011	88870009	88870012
Voltage/Hz	100-120V 50/60Hz	200-240V 50/60Hz	100-120V 50/60Hz	200-240V 50/60Hz	100-120V 50/60Hz	200-240V 50/60Hz
Plugs						
Block Capacity	1		2		4	
Controller Type	PID Digital					
Temperature Range	Ambient + 5°C – 130°C (Ambient at 25°C)					
Temperature Control Accuracy at 37°C	≤ ± 0.5°C					
Temperature Uniformity at 37°C	≤ ± 1°C					
Timer Range	0-99:59 min or continuous					
Heating Up Time	≤ 20 min 30°C to 130°C				≤ 25 min 30°C to 130°C	
Relative Humidity Tolerance	≤ 80%					
Dimensions L x W x H	373 × 200 × 100 mm 14.7 x 7.9 x 3.9 in		403 × 200 × 100 mm 15.9 x 7.9 x 3.9 in		535 × 200 × 100 mm 21.1 x 7.9 x 3.9 in	
Weight	3.4 kg 7.5 lbs.		3.7 kg 8.16 lbs.		5.1 kg 11.24 lbs.	
Fuse Protector ø5×20	250V 2.5A		250V 5A	250V 2.5A	250V 8A	250V 3.15A
Shipment Includes:	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter	Dry bath, US style plug, block lifter	Dry bath, CN, EU & UK plugs, block lifter
Required Accessories	1 block		2 blocks		4 blocks	
Certification	CE cULus RoHS					
Warranty	2 years					

*UNIT MUST BE ORDERED WITH A BLOCK — see page 7 for ordering information



Digital temperature controls and display



Small footprint and lightweight

Thermo Scientific Compact Dry Bath / Block Heater

Maximize valuable bench space with our compact, light weight dry bath / block heater, available with multiple combinations of block sizes for tube size versatility.

FEATURES

- Built-in temperature-sensing probe assists with outstanding temperature accuracy and control
- Designed for precise temperature control
- Fast heating rate
- Multiple combination of different size of blocks allows for maximum tube size versatility during experimental procedure
- 12V low voltage power input

APPLICATIONS

Sample preparation
Enzyme preservation
Enzyme-substrate reactions
DNA amplification

Thermo Scientific Compact Dry Bath / Block Heater

Ordering Information and Specifications*

Cat No.	88871001	88871003	88871002	88871004
Plugs				
Name	Compact Dry Bath S		Compact Dry Bath D	
Voltage	100 - 240V			
Temperature Range	Ambient + 2°C – 100°C (Ambient at 25°C)			
Temperature Control Accuracy at 37°C	± 0.5°C			
Temperature Uniformity at 37°C	± 0.5°C			
Average Heating Rate (30°C to 100°C, Ambient at 25°C, with one 0.2 ml block)	16 minutes		20 minutes	
Dimensions L x W x H	185 x 185 x 25 mm 7.3 x 7.3 x 1 in		200 x 200 x 25 mm 7.9 x 7.9 x 1 in	
Weight	<1 kg 2.2 lbs. (without blocks)		<1.5 kg 3.3 lbs. (without blocks)	
Power	12V DC, 5A		12V DC, 7A	
Shipment Includes:	Dry bath, US style plug, block lifter, plastic lid	Dry bath, CH, EU & UK style plugs, block lifter, plastic lid	Dry bath, US style plug, block lifter, plastic lid	Dry bath, CH, EU & UK style plugs, block lifter, plastic lid
Required Accessories	Full, half or quarter blocks (see page 7)			
Certification	CE cTUVus RoHS			
Warranty	2 years			

*UNIT MUST BE ORDERED WITH A TUBE BLOCK — see page 7 for ordering information

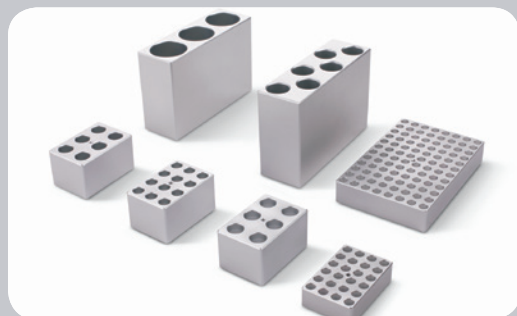
ACCESSORIES Thermo Scientific Digital and Touch Screen Dry Baths / Block Heaters

	Cat. No.	Description	Max Tubes	Block Dimensions WxDxH (mm / in)		Cat. No.	Description	Max Tubes	Block Dimensions WxDxH (mm / in)
	88870101	46 x ø6 mm block	46	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870112	Mixed block 32 x ø6 mm + 21 x ø10 mm	32 + 21	124 x 76 x 39 / 4.9 x 3.0 x 1.5
	88870102	28 x ø10 mm block	28	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870113	Mixed block 18 x 1.5 ml + 10 x 2.0 ml	18 + 10	124 x 76 x 39 / 4.9 x 3.0 x 1.5
	88870103	28 x 1.5 ml block	28	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870114	Mixed block 3 x ø25 mm+ 12 x ø12~13 mm+ 6 x ø6 mm	3 + 12 + 6	124 x 76 x 39 / 4.9 x 3.0 x 1.5
	88870104	28 x 2.0 ml block	28	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870115	Mixed block 30 x 0.5 ml + 20 x 0.2 ml	30 + 20	124 x 76 x 39 / 4.9 x 3.0 x 1.5
	88870105	24 x ø13 mm block	24	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870116	Flat bottom, 15 x 15 ml block	15	124 x 76 x 113 / 4.9 x 3.0 x 4.55
	88870106	15 x ø16 mm block	15	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870117	Flat bottom, 4 x 50 ml block	4	124 x 76 x 113 / 4.9 x 3.0 x 4.55
	88870107	12 x ø18 mm block	12	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870118	Conical bottom, 15 x 15 ml block	15	124 x 76 x 113 / 4.9 x 3.0 x 4.55
	88870108	8 x ø20 mm block	8	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870119	Conical bottom, 4 x 50 ml block	4	124 x 76 x 113 / 4.9 x 3.0 x 4.55
	88870109	6 x ø25 mm block	6	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870120	1 x 96*0.2 ml non-skirted PCR plate block	96	124 x 76 x 39 / 4.9 x 3.0 x 1.5
	88870110	40 x 0.5 ml block	40	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870121	1 x 96*0.2 ml, half or full skirted PCR plate block	96	124 x 76 x 55 / 4.9 x 3.0 x 2.17
	88870111	1 x 96-well Elisa block	96	124 x 76 x 39 / 4.9 x 3.0 x 1.5		88870122	Temperature probe, PT1000, stainless steel	N/A	N/A

ACCESSORIES

Thermo Scientific Compact Dry Bath / Block Heater

Cat. No.	Description	Max Tubes	Dimensions WxDxH (mm / in)
88871101	0.2 ml 1/4 block	24	54 x 36 x 15 / 2.1 x 1.4 x 0.6
88871102	0.5 ml 1/4 block	12	54 x 36 x 30 / 2.1 x 1.4 x 1.2
88871103	1.5 ml 1/4 block	6	54 x 36 x 30 / 2.1 x 1.4 x 1.2
88871104	2.0 ml 1/4 block	6	54 x 36 x 30 / 2.1 x 1.4 x 1.2
88871105	15 ml 1/2 block	6	108 x 36 x 72 / 4.3 x 1.4 x 2.8
88871106	50 ml 1/2 block	3	108 x 36 x 72 / 4.3 x 1.4 x 2.8
88871107	96-well/flat bottom full block	96	108 x 72 x 18 / 4.3 x 2.8 x 0.7
88871108	Heat insulator for Compact S	N/A	143 x 107 x 80 / 5.6 x 4.2 x 3.2
88871109	Heat insulator for Compact D	N/A	179 x 143 x 80 / 7.0 x 5.6 x 3.2
88871110	Plastic lid for Compact S	N/A	122 x 86 x 40 / 4.8 x 3.4 x 1.6
88871111	Plastic lid for Compact D	N/A	158 x 122 x 30 / 6.2 x 4.8 x 1.2





thermoscientific.com

© 2015 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

Australia +61 39757 4300
Austria +43 1 801 40 0
Belgium +32 53 73 42 41
China +800 810 5118 or
+400 650 5118
France +33 2 2803 2180
Germany national toll free 0800 1 536 376
Germany international +49 6184 90 6000

India toll free 1800 22 8374
India +91 22 6716 2200
Italy +39 02 95059 552
Japan +81 3 5826 1616
Netherlands +31 76 579 55 55
New Zealand +64 9 980 6700
Nordic/Baltic/CIS countries
+358 9 3291 0200

Russia +7 812 703 42 15
Spain/Portugal +34 93 223 09 18
Switzerland +41 44 454 12 22
UK/Ireland +44 870 609 9203
USA/Canada +1 866 984 3766

Other Asian countries +852 2885 4613
Countries not listed +49 6184 90 6000

Thermo
SCIENTIFIC

A Thermo Fisher Scientific Brand