

PCH

Dry block for heating and cooling

Compact, flexible, easy-to-use systems for rapid heating and cooling of microtubes. The PCH series offers effective tools for DNA/RNA sample preparation and offers a choice of three fixed blocks for different sized microtubes.

Cooling and heating temperature range from -10°C to 100°C, with rapid cool down and heat-up times

Stability: $\pm 0.1^\circ\text{C}$

Choice of three models: capacity for up to 32 microtubes in a combination of two sizes (PCH-1) or up to 20 microtubes of one size (PCH-2 and PCH-3)

Convenient integral reaction timer with audible alarm



Ingenious block construction, combined with powerful Peltier cooler, produces rapid heating and cooling.

2-line LCD display clearly indicates both set and actual value for temperature and time.

DNA denaturation techniques further supported with an audible alarm for denaturation 'time-up'; samples can then be quickly cooled.



PCH-1 block holds a combination of two microtube sizes simultaneously – up to a total of 32 tubes: 12 x 1.5ml plus 20 x 0.5ml.

PCH-2 up to a total of 20 x 1.5ml microtubes.

PCH-3 up to a total of 20 x 2ml microtubes.

Dry temperature control system maintains clean and aerosol-free environment.

Simple push button combinations for easy set-up.

Rapid DNA denaturation at 95°C quickly achieved.

Applications

- Life-science – storing restriction enzymes, nick translations, ligation reactions, restriction digests, protein solubilisation for PAGE, warm incubation of microcentrifuge tubes for hybridisation, enzyme reactions and deactivations.

PCH series

Technical specifications

				
		PCH-1	PCH-2	PCH-3
Dimensions	h x d x w mm	165 x 260 x 240		
Temperature range	°C	-10 to 100		
Temperature control range	°C	Ambient -30 to 100		
Stability	±°C	0.1		
Setting resolution	±°C	0.1		
Block Dimensions	h x d x w mm	100 x 110		
Heat up time	25°C to 37°C °C/min	3		
	25°C to 100°C °C/min	16		
Cool down time	100°C to -10°C °C/min	28		
	25°C to -10°C °C/min	21		
Capacity	microtubes ml	12 x 1.5 plus 20 x 0.5	20 x 1.5	20 x 2.0
Display		2 line x 16 character LCD		
Timer		1 minute to 96 hours/non-stop		
External power supply		Input AC 100-240V, 50/60Hz Output DC 12V		
Power consumption	230V W	60 (0.3A)		
	120V W	60 (0.3A)		
Input voltage	V dc	12		
Weight	kg	3.2		



Choice of two models; capacity for up to 32 microtubes in a combination of two sizes: 12 x 1.5 ml plus 20 x 0.5 ml (PCH-1) or up to 20 microtubes of one size: 20 x 1.5 ml tubes (PCH-2), up to a total of 20 x 2 ml microtubes (PCH-3).

A 2-line LCD display clearly indicates both set and actual values for temperature and time. Works in combination with simple push buttons for easy set-up.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.