

Dry block heating/cooling systems

PCH-1, PCH-2 and PCH-3

Compact, flexible, easy to use systems for rapid heating and cooling of microtubes; very effective tools for DNA/RNA sample preparation techniques.

- Cooling/heating setting range from - 10°C to 100°C, with very 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 very rapid heating and cooling

Dry temperature control system maintains clean and aerosol-free environment

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

Simple push button combinations for easy set-up



Model PCH-1 shown

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

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

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




Rapid DNA denaturation at 95°C quickly achieved

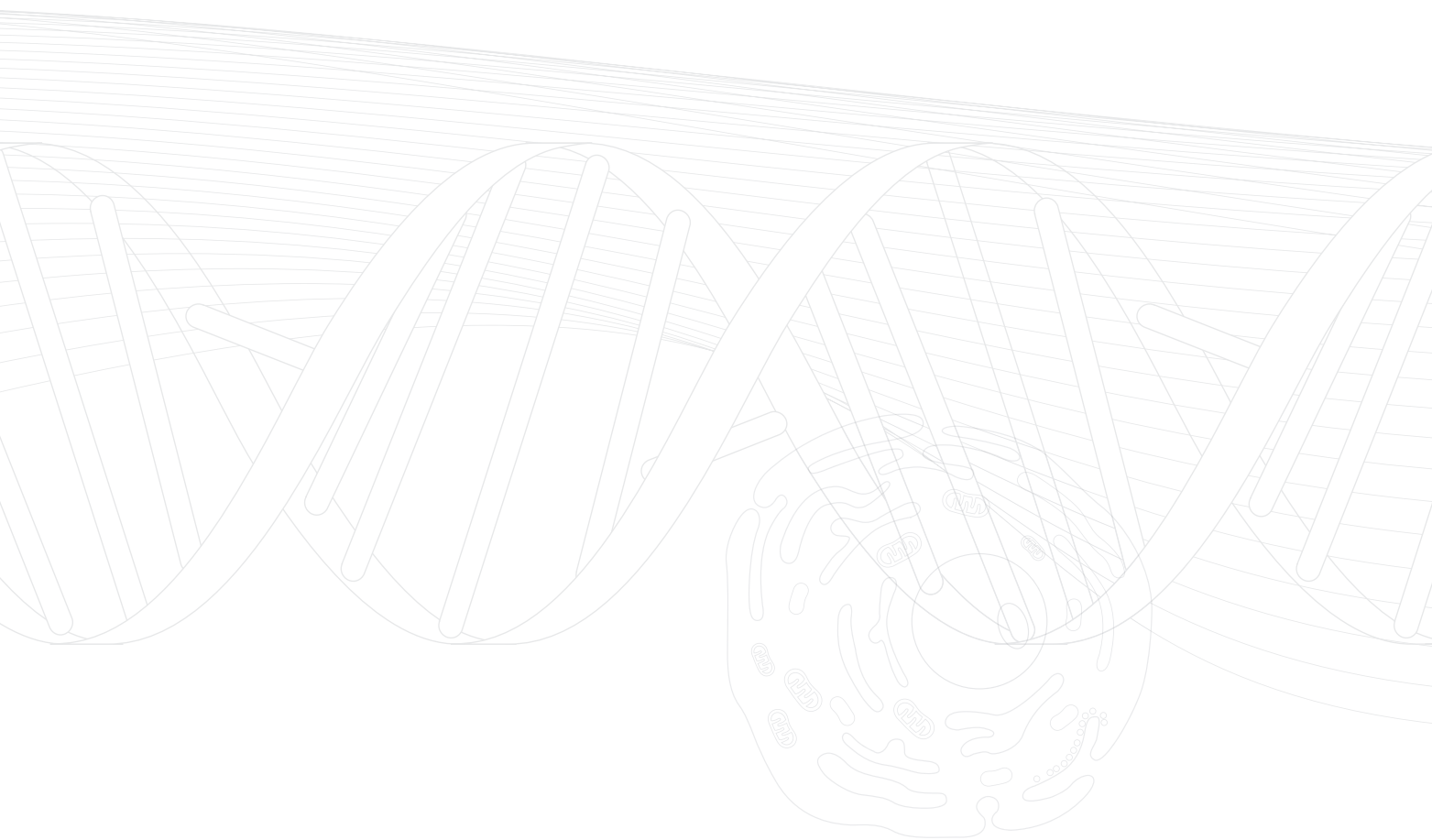
DNA denaturation techniques further supported with an audible alarm for denaturation 'time-up'; samples can then be quickly cooled

- Applications:**
- Life science - storing frozen restriction enzymes, nick translations, ligation reactions, restriction digests, protein solubilisation for PAGE, warm incubation of microcentrifuge tubes for hybridisation, enzyme reactions and deactivations
 - Clinical - cooling blood samples prior to coagulation testing

Dry block heating/cooling systems » Models and specifications

Dry block heating/cooling systems – models and specifications

		PCH-1	PCH-2	PCH-3
		 <p>h: 165 mm d: 260 mm w: 240 mm weight: 3.6 kg</p>	 <p>h: 165 mm d: 260 mm w: 240 mm weight: 3.6 kg</p>	 <p>h: 165 mm d: 260 mm w: 240 mm weight: 3.6 kg</p>
Block dimensions	mm	100 x 110		
Temperature setting range	°C	- 10 to 100		
Temperature control range	°C	30°C below ambient to 100°C		
Stability	°C	± 0.1		
Setting resolution	°C	0.1		
Temperature display		2 line x 16 character LCD		
Heat up time	room temperature to 100°C	°C/min		
	room temperature to 37°C	°C/min		
Cool down time	100°C to -10°C	°C/min		
	room temperature to - 10°C	°C/min		
Capacity	microtubes	12 x 1.5 ml plus 20 x 0.5 ml	20 x 1.5 ml	20 x 2.0 ml
Timer		1 min to 96 hrs		
Input voltage	V dc	12 via 110/230 universal power adaptor		
Input current	A	4.16		





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.