

# Flexi-therm

Maximize your workbench space with our compact programmable heater, Flexi-therm. Coupled with our range of intelligent, intuitive and interchangeable Heated Modules, the Flexi-therm provides highly accurate, repeatable sample heating for a range of laboratory consumables including microplates and various tube formats. The Flexi-therm combines superb temperature control and uniformity with high quality design and versatility, and is ideal for sample preparation and incubation.



## Features:

- Interchangeable Heated Modules support various sample tubes (see page 12)
- Individual module settings stored allowing for quick swapping of modules
- Accurate sample temperature display
- Simple user display & touch-control interface
- Small & compact



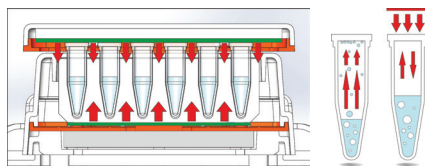
# Heated Module

Traditional incubation methods such as hot blocks and water baths are notoriously inaccurate and provide poor sample care. Optimise flexibility and performance with our range of interchangeable and intuitive Heated Modules. All modules are pre-calibrated with a built-in heated lid to provide direct consumable contact – a more efficient and accurate way of heating compared to just heating the air around the samples.



## Features:

- Temperature accuracy 0.1°C
- Temperature uniformity 0.5°C/1% of the target temperature
- Independent control of sample & lid temperatures to reduce condensation & evaporation
- Pre-calibrated to ensure highly accurate temperature control
- Modules designed for use with the Ther-mix or Flexi-therm
- Self-limited mixing speed & temperature for sample care & user safety



Vitl Life Science Solutions can design bespoke Heated Modules based upon your requirements.

Our modules are available for the following vessel sizes:

Module	Description	Catalogue Numbers
HM01	24 x 0.5ml Microcentrifuge Tube	V104001
HM02	24 x 1.5ml Microcentrifuge Tube	V104002
HM03	24 x 2.0ml Microcentrifuge Tube	V104003
HM04	8 x 15ml Conical Tube	V104004
HM05	4 x 50ml Conical Tube	V104005
HM06	0.15ml 96 Well PCR Plate	V104006
HM07	0.25ml 96 Well PCR Plate	V104007
HM09	96 Well 0.2ml PCR Tube	V104009

	Ther-mix	Flexi-therm	Co-mix
			
Basic Application	Heat/mix	Heat	Mix
Instrument Temperature Range	Ambient-99.9°C	Ambient-99.9°C	N/A
Heating Lid Temperature Range	Ambient-105°C	Ambient-105°C	N/A
Temperature Uniformity	0.5°C	0.5°C	N/A
Instrument Maximum Heating Rate	4°C/min	4°C/min	N/A
Mixing Speed	200-3000 RPM	N/A	200-3000 RPM
Program	Memory for 100 additional user programs	N/A	Memory for 190 user programs
Power Supply	100-240 V	100-240 V	100-240 V
Size (mm) (WxDxH)	190x350x170 (without heated modules)	190x250x80 (without heated modules)	190x350x200
Weight	8 kg	1.7kg	7 kg
Application	<ul style="list-style-type: none"> <li>ELISA</li> <li>Sample prep for PCR</li> <li>DNA isolation</li> <li>Enzymatic reactions</li> <li>Bacterial growth</li> <li>Lysis reactions</li> <li>Sample Incubation</li> </ul>	<ul style="list-style-type: none"> <li>Preheating of samples</li> <li>Thawing frozen samples</li> <li>Reactions requiring good thermal control</li> <li>Sample incubation</li> <li>Maintaining sample temperature after mixing with the Ther-Mix</li> </ul>	<ul style="list-style-type: none"> <li>Mixing of PCR enzyme preparations</li> <li>DNA isolation methods</li> <li>Mixing of viscous liquids</li> <li>Mixing samples during incubation stages</li> <li>Resuspension of genetic material</li> <li>Mixing of ELISA immunoassays</li> <li>Mixing of bacterial or cell cultures</li> </ul>



**Wolflabs**

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**Use the above details to contact us if this literature doesn't answer all your questions.**

**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.

