Catalogue number: V101001

co-mix

Our laboratory mixer and shaker, Co-mix, offers simultaneous, independently controlled microplate mixing and tube vortexing in one sleek, compact design. It is fully programmable, allowing you to create and store your own unique mixing profiles with variable ramp rates, mixing times and speeds. It offers excellent mixing performance to ensure data accuracy and higher repeatability.

Features:

- 200 – 3000 rpm mixing; 700 – 3500 rpm vortexing
- 3mm mixing orbit
- Create & store user-defined mixing profiles
- Effortless change between operating modes
- Intuitive touch-screen user interface
- Innovative plate-holding mechanism reduces risk of lid wetting
- Simultaneous microplate mixing & tube vortexing function

The Co-mix comes with a full set of adaptors as standard

Vitl Life Science Solutions heating and mixing range focuses on highly controlled and accurate sample preparation.

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	ELISA Sample prep for PCR DNA isolation Enzymatic reactions Bacterial growth Lysis reactions Sample Incubation	Preheating of samples Thawing frozen samples Reactions requiring good thermal control Sample incubation Maintaining sample temperature after mixing with the Ther-Mix	Mixing of PCR enzyme preparations DNA isolation methods Mixing of viscous liquids Mixing samples during incubation stages Resuspension of genetic material Mixing of ELISA immunoassays Mixing of bacterial or cell cultures

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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.