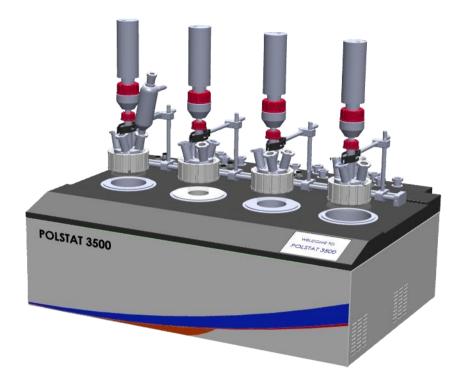


Heating & Cooling System for Non Jacketed Vessels

POLSTAT 3500



Wide range of interchangeable vessel sizes and shapes		Independent control of 4 blocks
	Automate recipe management and data logging	
Magnetic & overhead stirring		PiLab control
	Temperature range of -30°C to 150°C	

Features

- Independent control of 4 blocks at different temperatures
- Temperature range of -30°C to 150°C
- 4 Independent reactions can run at same time
- Wide selection of vessels ranging from 0.5ml to 250ml (non jacketed)
- Vessel types such as vials, tubes, round bottom flasks and process vessels
- Built-in magnetic stirrer, overhead stirrer will provide excellent agitation for viscous liquids
- Precise temperature measurement by using Pt100 temperature sensor

- 0.1°C/min to 2°C/min ramp rate in heating and cooling process
- Export experimental profiles and results via Ethernet connection
- Compact bench top footprintfumehood compatible
- Control mode: block, mass and ΔT control
- pH measurement option for each block
- Removable inserts for easy change of reaction vessels
- Monitor and control through PiLab/Tab
- Profile control 10 segments

Advantages

- 4x output with 4 independent reactors, well suited for DOE campaigns
- Replaces inefficient, messy, unsafe oil and ice baths
- Reduces manual errors
- Compact design saves laboratory space
- 21CFR compliant PiLab

Applications

- Single or parallel synthesis
- Process development
- Design of experiments(DOE)
- Scale up
- Peptide chemistry
- Supercritical fluid separation

Specifications Technical Power Supply 220VAC -30°C to 150°C Input voltage Temperature range Physical Temperature control mode Block, Mass and ΔT control Vessel sizes 0.5ml to 250ml (non jacketed) Enclosure MS with powder coating Mounting Bench top Vials, test tubes, round bottom flasks and Vessel shapes process vessels Dimensions (L X W X H) 670X500X240 mm **Environmental Conditions** Removable inserts Suitable to vessel sizes Controlling & data handling Operating amb. temperature 10-50°C PiLab 4.3" LCD Humidity 10-95%RH, Non-condensing Display Communication Ethernet, RS485 Stirring Built-in magnetic stirrer, overhead stirrer Chillier supply for cooling +5°C Pt100 temperature sensors Temperature sensors Temperature stability ±0.1°C **End Connection** Quick Coupling Connector 1/2"

Note: For Ordering Information Contact Sales Team.

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