



GreenHouse Plus Parallel Synthesiser™

GreenHouse Work-Up provides rapid sequential and parallel purification in a 24 well MTP footprint using standard filtration, phase separation and SPE columns.

Designed to make your parallel chemistry work-up and purification quick and easy. See page 18.



The GreenHouse Plus provides 24 heated and stirred glass reactions with volumes from 0.5 ml to 7 ml. The combined reflux and additions head allows for convenient additions or withdrawals whilst maintaining an inert atmosphere

GreenHouse Plus brings all the benefits in productivity of parallel synthesis at a fraction of the cost of automated systems. Holding 24 glass reaction tubes in a removable reaction block with the same footprint as a standard microtitre plate (MTP), the GreenHouse Plus facilitates rapid transfer of samples by multi-channel pipettor or robotic systems.

Features

- Powerful stirring and rapid heating to 150 °C.
- Removable water-cooled reflux head.
- Perform reactions under an inert atmosphere.
- Easy viewing of tube contents during experiments.
- Nickel-plated aluminium offers excellent chemical resistance.



Optional HDPE cooling reservoir for chilled reactions to -78°C using dry ice and acetone

Designed for the synthesis of small compound libraries and drug discovery

Can be converted into GreenHouse Blowdown Evaporator

Heated directly by the stirring hotplate with optional digital control and Pt1000 temperature sensor.

Water-cooled aluminium reflux head with nickel condensing fingers provides efficient refluxing within individual glass reaction tubes.

A choice of septum mats are available.

Combined reflux and additions head allowing for convenient additions or withdrawals whilst refluxing.

Cylindrical glass gas enclosure provides visibility of all 24 reaction tubes with no need to lean into the fume hood

Provides 24 heated and stirred glass reaction positions with a reaction volume of 0.5 to 7 ml.

Control and log your chemistry

No electrical or moving parts ensures maintenance-free operation. Easy to operate and set up.

'V-Mag' technology uses a vertically positioned stirring bar to maximise the uniformity of the stirring within each reaction tube.

Round aluminium base transmits heat evenly to all positions. Compact size has small bench-top footprint and is easy to store.

Utilises single rotating magnetic field of the hotplate stirrer to stir all 24 positions

Carousel Stirring Hotplate offers higher temperature, more powerful stirring and digital control

Fits on a standard Carousel Stirring Hotplate



Combined reflux and additions head with nickel condensing fingers



GreenHouse Plus allows additions and withdrawals through sealing mats



Reaction block fits directly into Genevac vacuum centrifuges

