

New

## GreenHouse Plus Parallel Synthesiser™

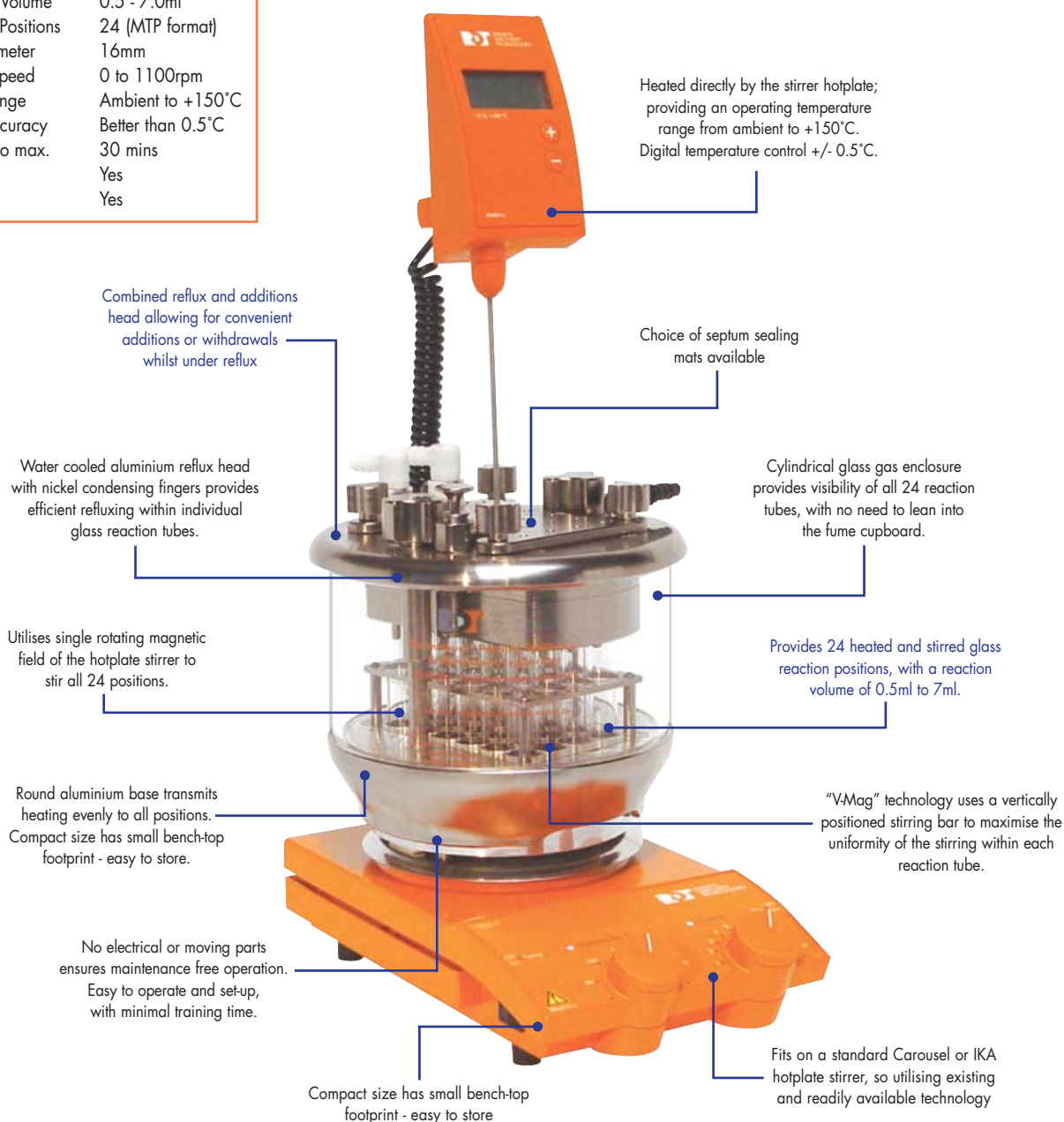
This unique personal synthesiser allows you to perform 24 reactions in parallel, with a reaction volume of 0.5ml to 7ml

It offers all the features of the original GreenHouse but with larger 16mm tubes. For added convenience the GreenHouse Plus also features a single reaction head for both reflux and additions.

Radleys Discovery Technologies Ltd  
Shire Hill, Saffron Walden,  
Essex, CB11 3AZ. United Kingdom.  
Tel: +44-(0)1799-513320  
Fax: +44-(0)1799-513283  
Email: sales@radleys.co.uk  
Web: www.radleys.com

### Technical Specifications

Working Volume	0.5 - 7.0ml
Reaction Positions	24 (MTP format)
Well Diameter	16mm
Stirring Speed	0 to 1100rpm
Temp. Range	Ambient to +150°C
Temp. Accuracy	Better than 0.5°C
Heat up to max.	30 mins
Inert Gas	Yes
Reflux	Yes



# GreenHouse Plus Parallel Synthesiser

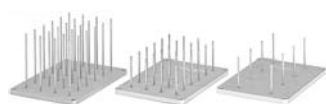
- Reaction volume of 0.5ml to 7ml - bridges the gap between the GreenHouse and Carousel
- 24 x 16mm glass reaction tubes - increased reaction volume in a popular tube size
- Combined reflux and additions head - allowing for convenient additions whilst under reflux
- Heated and Cooled Reactions - from -70°C to +150°C
- Neat inert gas system with one inlet/outlet for vacuum and inert gas allows reactions under an inert atmosphere with ease

Cat No	Description	Cat No	Description	Pk Qty
RR99619	System 27 - GreenHouse Plus Parallel Synthesiser Comprising of the following RR99610 - GreenHouse Plus Parallel Synthesiser RR98072 - Carousel Stirring Hotplate 230 volt & UK Plug RR98073 - Carousel Temperature Controller RR99612 - GreenHouse Plus Reaction Tubes RR99613 - GreenHouse Plus PTFE Magnetic Stirring Bars RR99618 - GreenHouse Plus Septa + Sealing Mat Evaluation Kit	GreenHouse Plus Components & Accessories RR99610	GreenHouse Plus Parallel Synthesiser (Includes Head, Base, Glass Cylinder & 2 Reaction Blocks)	1
RR99620	System 28 - GreenHouse Plus Parallel Synthesiser with Cooling Comprising of the following RR99610 - GreenHouse Plus Parallel Synthesiser RR98072 - Carousel Stirring Hotplate 230 volt & UK Plug RR98073 - Carousel Temperature Controller RR99602 - GreenHouse Cooling Reservoir RR99612 - GreenHouse Plus Reaction Tubes RR99613 - GreenHouse Plus PTFE Magnetic Stirring Bars RR99618 - GreenHouse Plus Septa + Sealing Mat Evaluation Kit RR99905 - Digital Thermometer (-250 to +400°C) & 200mm Probe	RR99611	GreenHouse Plus Reaction Block	1
		RR99612	GreenHouse Plus Reaction Tubes	100
		RR99613	GreenHouse Plus PTFE Magnetic Stirring Bar	40
		RR99614	GreenHouse Plus Silicone Septum Mat	3
		RR99615	GreenHouse Plus PTFE Faced Silicone Septum Mat	3
		RR99616	GreenHouse Plus Pre-Slit PTFE Faced Silicone Septum Mat	3
		RR99617	GreenHouse Plus PTFE Faced Butyl Rubber Sealing Mat	3
		RR99618	GreenHouse Plus Septa + Sealing Mat Evaluation Kit	4
		RR99602	GreenHouse Cooling Reservoir	1
		RR99604	Replacement Glass Cylinder	1
		RR99605	Replacement Viton Gaskets	2
		RR99606	Replacement Silicone Gaskets	2
		RR99905	Digital Thermometer (-250°C to +400°C) & 200mm Probe	1
		Stirring Hotplate & Temperature Controller		
		RR98072	Carousel Stirring Hotplate	1
		RR98073	Carousel Temperature Controller	1

## Evaporation...

### GreenHouse Blowdown Evaporator™

This unique evaporation system allows you to either upgrade your existing GreenHouse Parallel Synthesiser™ to perform parallel evaporation or to be used as a separate stand alone bench-top personal evaporator.



Blowdown Pin Plates

Evaporation



GreenHouse Blowdown Evaporator  
Working volume 0.5-6ml



NEW GreenHouse Plus  
Working volume 0.5-7ml



GreenHouse Parallel Synthesiser  
Working volume 0.5-3ml

Load Resins



Titan 24 and 96 Well Resin Loaders

Phase Separation



Lollipop Phase Separator  
Working volume 0.3-4ml

## ...and Purification

### Lollipop Phase Separator™

For Purification/Separation of organic and aqueous phases from a two phase mixture within a 96 or a 24 array tube system.

### Stacker Parallel Purification System™

Rapid sequential and parallel purification in a 24 well micro titer plate footprint using standard filtration, phase separation and SPE columns.

Work-Up



Stacker Parallel Purification System  
Working volume 3ml or 6ml