

# Reactor-Ready Flex

## Component Catalogue





# Contents

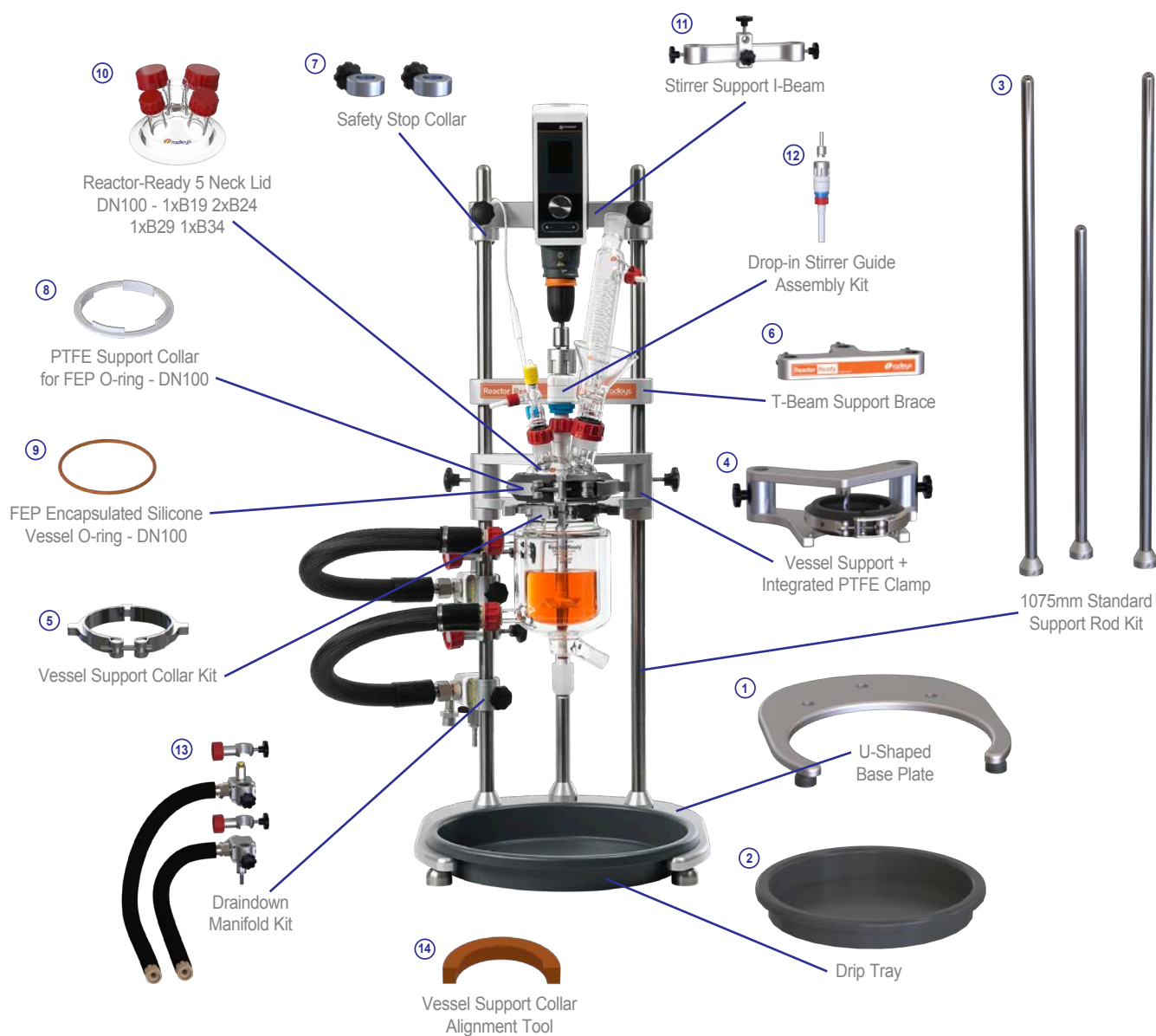
Reactor-Ready Flex Family Comparison Chart	4
Reactor-Ready Pro	5
Reactor-Ready Starter	6
Framework and Draindown Manifold Kit	7
Vessel Supports	8
Stirrer Supports	9
Stirrer Guide	10
Reaction Vessels	11
Process Vessel Kits	12
Process Reaction Vessels Only	15
Process Reaction Vessels Only - with large 25 mm piston	18
PTFE Temperature Probes and Adapters	21
PTFE Stirrer Shafts for Process Vessels	22
Overhead Stirrers	25
Circulators	26
Circulator Accessories	28
Software and Accessories	32
Automation Modules	35
pH Probes	36
Lids	37
Sockets and Blanking Plugs for PTFE Lids	39
Compression Fittings for PTFE Lids	40
PTFE Baffles	41
Glassware Accessories	42
Reflux Divider Kits	48
Receiver Flasks	49
Other Accessories	50
Fixed Additions Tube Kits	52
Maintenance Accessories	53
Installation & Training	55
Component Compatibility Guide	56

# Reactor-Ready Flex Family Comparison Chart



Feature	Reactor-Ready Pro	Reactor-Ready Starter
I-Beam	✓	
Stirrer Support Boss		✓
Vessel Support with Integrated Clamp	✓	
Vessel Support		✓
Integrated Carbon-filled PTFE Clamp	✓	
Carbon-filled PTFE clamp		✓
Drop-in Stirrer Guide Coupling	✓	✓
Draindown Manifold Kit	✓	
PEEK Sidearm Coupling (Not included)		✓
U-Shaped Base Plate w/ Drip Tray	✓	✓

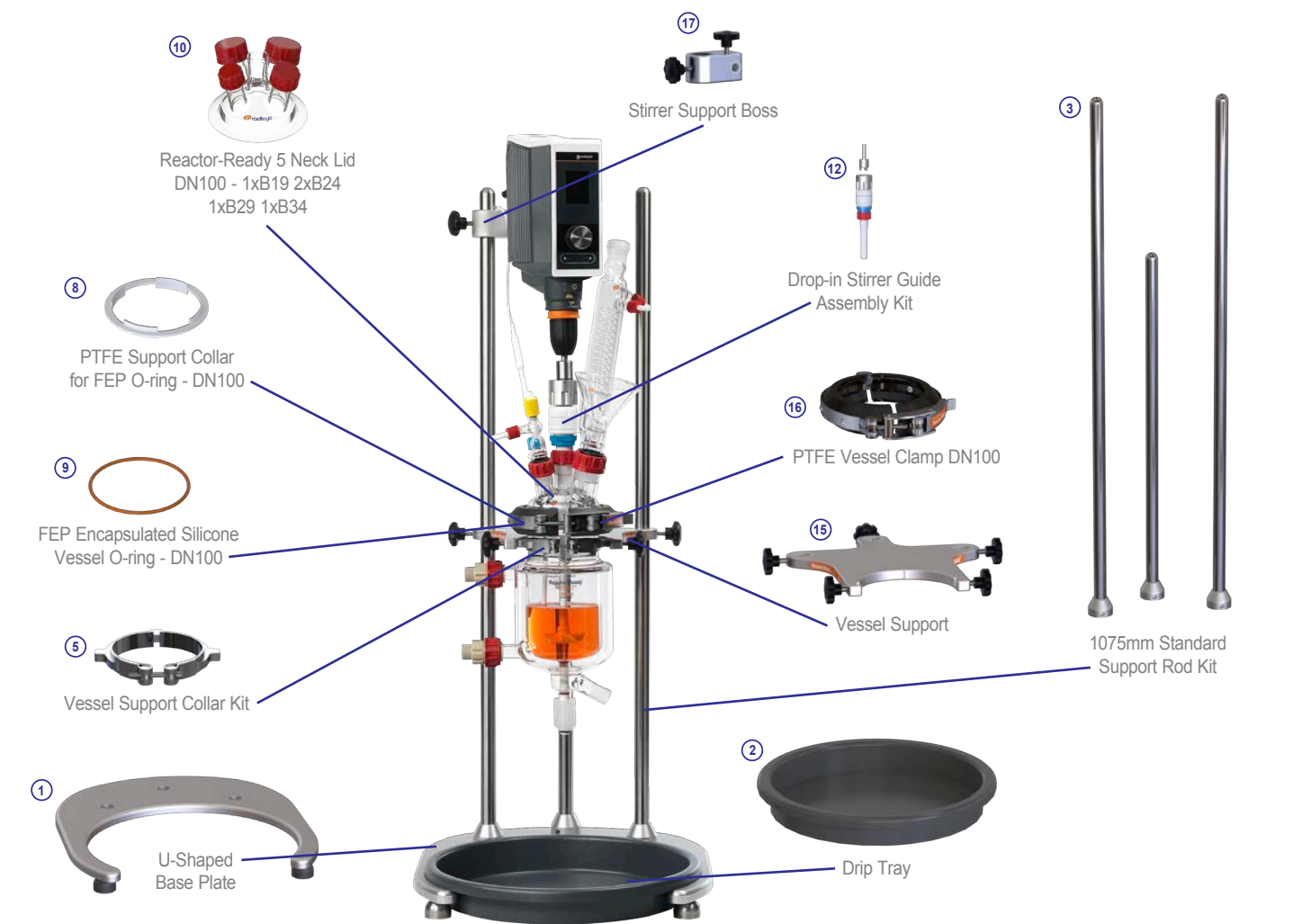
# Reactor-Ready Pro



## RR121000 - Reactor-Ready Pro

	Cat No	Description	Quantity
①	RR121010	U-Shaped Base Plate	1
②	RR121015	Drip Tray	1
③	RR121029	1075mm Standard Support Rod Kit	1
④	RR121045	Vessel Support + Integrated PTFE Clamp	1
⑤	RR121055	Vessel Support Collar Kit	1
⑥	RR121035	T-Beam Support Brace	1
⑦	RR121052	Safety Stop Collar (pack of 2)	2
⑧	RR121095	PTFE Support Collar for FEP O-ring - DN100	1
⑨	RR121090	FEP Encapsulated Silicone Vessel O-ring - DN100	1
⑩	RR136000	Reactor-Ready 5 Neck Lid DN100 - 1xB19 2xB24 1xB29 1xB34	1
⑪	RR210016	Stirrer Support I-Beam	1
⑫	RR121069	Drop-in Stirrer Guide Assembly Kit	1
⑬	RR121129	Draindown Manifold Kit	1
⑭	RR121051	Vessel Support Collar Alignment Tool	1

# Reactor-Ready Starter



## RR121001 - Reactor-Ready Flex Starter

	Cat No	Description	Quantity
1	RR121010	U-Shaped Base Plate	1
2	RR121015	Drip Tray	1
3	RR121029	1075mm Standard Support Rod Kit	1
5	RR121055	Vessel Support Collar Kit	1
8	RR121095	PTFE Support Collar for FEP O-ring - DN100	1
9	RR121090	FEP Encapsulated Silicone Vessel O-ring - DN100	1
10	RR136000	Reactor-Ready 5 Neck Lid DN100 - 1xB19 2xB24 1xB29 1xB34	1
12	RR121069	Drop-in Stirrer Guide Assembly Kit	1
15	RR121205	Vessel Support	1
16	RR121215	PTFE Vessel Clamp DN100	1
17	RR121112	Stirrer Support Boss	1

# Framework and Draindown Manifold Kit



<b>RR121010</b>	<b>U-Shaped Base Plate</b>
Material	Stainless Steel
Pack Qty	1



<b>RR121015</b>	<b>Drip Tray</b>
Material	Polypropylene
Pack Qty	1



<b>RR121029</b>	<b>1075mm Standard Support Rod Kit</b>
Material	Stainless Steel
Pack Qty	1



<b>RR121035</b>	<b>T-Beam Support Brace</b>
Material	Aluminium
Pack Qty	1



<b>RR121129</b>	<b>Draindown Manifold Kit</b>
Material	Stainless Steel, Aluminium, Viton, Stainless Steel braided PTFE lined hose, Fibre Glass, Silicone Sponge, PE
Connections	2 x M24
Includes	RR121117 - L/H Upper Return Manifold with Vent Valve - NW12 RR121118 - L/H Lower Supply Manifold with Drain Valve - NW12 RR121130 - Quick Release Insulated Hose 60cm HT Vessel-to-Manifold - NW12 (pack of 2) RR121073 - Hose Tidy (pack of 2)
Pack Qty	1

# Vessel Supports

The Vessel Support + Integrated PTFE Clamp (included in the Pro configuration) is suitable for vessel sizes 100 ml to 5 L. It allows for easy vessel clamping and ensures excellent horizontal alignment of the vessel at all times.

The lower cost Vessel Support option (included in the Starter configuration) is also suitable for vessels from 100 ml to 5 L. This support requires manual horizontal alignment. It also requires the addition of the separate PTFE Vessel Clamp (RR121215).

The carbon filled PTFE vessel clamp prevents glass-to-metal contact between the clamp and the lid to reduce the risk of scratching or cracking the lid.



RR121045	Vessel Support + Integrated PTFE Clamp
Material	Aluminium, Stainless Steel, Carbon-filled PTFE, Glass-filled Nylon
Pack Qty	1



RR121205	Vessel Support
Material	Aluminium, Stainless Steel, Glass-filled Nylon
Pack Qty	1



RR121215	PTFE Vessel Clamp DN100
Material	Aluminium, Stainless Steel, Carbon-Filled PTFE
Pack Qty	1



RR121055	Vessel Support Collar Kit
Material	Stainless Steel, Viton
Pack Qty	1



RR121051	Vessel Support Collar Alignment Tool
Material	PLA
Pack Qty	1

# Stirrer Supports

The Stirrer Support I-Beam (included in the Pro configuration) allows the overhead stirrer to be positioned with ease and allows the stirrer to be raised or lowered without needing to remount the stirrer.

Features include:

- Accepts all leading brands of motor or air-powered overhead stirrer with support rods up to 16 mm in diameter
- Allows easy alignment of overhead stirrer in 3 axes
- Allows the stirrer to be easily pushed up and away from the reactor without losing alignment

The Stirrer Support Boss (included in the Starter configuration) is a compact, lower cost stirrer support that attaches to either support rod. It requires manual alignment.

Safety Stop Collars help to correctly position the Vessel Supports as well as the Stirrer Supports on the framework when using different vessel volumes and provide added safety. Safety Stop Collars are included in the Pro configuration and an optional accessory for the Starter configuration.



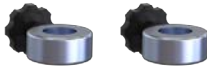
RR210016	Stirrer Support I-Beam
Material	Aluminium, Stainless Steel, Glass-filled Nylon, PTFE Sleeve
Pack Qty	1



RR121112	Stirrer Support Boss
Material	Aluminium, Stainless Steel, Glass-filled Nylon, PTFE Sleeve
Pack Qty	1



RR121050	Safety Stop Collar
Material	Aluminium, Stainless Steel, Glass-filled Nylon
Pack Qty	1



RR121052	Safety Stop Collar
Material	Aluminium, Stainless Steel, Glass-filled Nylon
Pack Qty	2

# Stirrer Guide

## Unique self-aligning stirrer coupling saves time when changing vessels

- Patented drop-in stirrer coupling engages easily without the need for tools.
- Simply lower the stirrer coupling to engage with the stirrer guide below.
- The stainless steel stirrer coupling will fit in any standard stirrer chuck (for 10mm diameter).

## PTFE Stirrer Guide

- The Reactor-Ready PTFE stirrer guide screws directly on to the glass lid and features a unique extended support which minimises wobble even at high speeds.
- The stirrer guide is chemically inert, gas-tight and suitable for work under vacuum.



RR121069	Drop-in Stirrer Guide Assembly Kit
Material	PTFE, Polypropylene, Borosilicate Glass, Viton, Stainless Steel, Aluminium
Includes	RR121060 Stirrer Guide Assembly B24 10mm
Pack Qty	1

# Reaction Vessels

We offer a range of jacketed reaction vessels from 100 ml to 5 L. These are available as single or vacuum jacketed vessels.

## Vacuum jacketed vessels

Vacuum jacketed vessels offer extra insulation to the oil jacket. This improves visibility at low temperatures by minimising ice build-up on the vessel and reduces the risk of burns from touching the outside of the vessel when working at high temperatures.

## Process Vessels

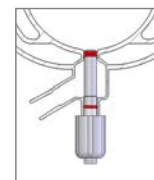
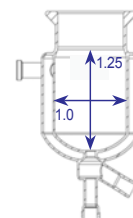
The vessels are designed with a 1.25 to 1 internal height-to-diameter ratio and a torispherical dished base, which mimics plant vessels for more consistency between scales and better mixing and thermal energy transfer.

### Features include:

- Precision engineered borosilicate glass.
- DN100 ground and polished flat flange combines with the FEP-encapsulated O-ring and our unique self-centering PTFE collar to ensure a better seal between the vessel and lid.
- Convenient and cost-effective vessel kits include stirrer, temperature probe and adapter.

### Vessels feature a zero dead space PTFE bottom outlet valve:

- Designed to prevent overtightening of the piston, thus reducing the risk of breakage.
- The large 15 mm bore minimises sample hold-up and is ideal for slurries (a 25 mm version is available on request).
- Glass-filled PTFE piston minimises leaking or weeping across the full temperature range (-70 °C to +230 °C).
- Piston design allows quick and safe removal.



# Process Vessel Kits

## Vessel, PTFE turbine stirrer, PTFE temp probe + adapter

Process vessel kits include a Pt100 temperature probe and turbine stirrer matched to the vessel size.

### Each vessel kit includes:

- Reaction vessel
- PTFE turbine stirrer
- Sidearm couplings
- Pt100 PTFE temperature probe with LEMO connector
- PTFE temperature probe adapter

Vessels with a 25 mm drain valve are also available  
(See pages 18 to 20).

Other impeller shapes are available to order separately  
(See pages 22 to 24).



<b>RR120105</b>	<b>100ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	290 ml
Impeller	PTFE Turbine, 315 mm length, 35 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120107</b>	<b>100ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	280 ml
Impeller	PTFE Turbine, 315 mm length, 35 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120110</b>	<b>250ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	350 ml
Impeller	PTFE Turbine, 330 mm length, 35 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120115</b>	<b>250ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	270 ml
Impeller	PTFE Turbine, 330 mm length, 35 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Vessel Kits

Vessel, PTFE turbine stirrer, PTFE temp probe + adapter



<b>RR120120</b>	<b>500ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	550 ml
Impeller	PTFE Turbine, 365 mm length, 40 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120125</b>	<b>500ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	370 ml
Impeller	PTFE Turbine, 365 mm length, 40 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 8mm with Lemo Plug, 400mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120130</b>	<b>1000ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	1030 ml
Impeller	PTFE Turbine, 395 mm length, 50 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120135</b>	<b>1000ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	680 ml
Impeller	PTFE Turbine, 395 mm length, 50 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120140</b>	<b>2000ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	1370 ml
Impeller	PTFE Turbine, 430 mm length, 70 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120145</b>	<b>2000ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	990 ml
Impeller	PTFE Turbine, 430 mm length, 70 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Vessel Kits

Vessel, PTFE turbine stirrer, PTFE temp probe + adapter



<b>RR120142</b>	<b>3000ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	2480 ml
Impeller	PTFE Turbine, 480 mm length, 90 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120147</b>	<b>3000ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	1960 ml
Impeller	PTFE Turbine, 480 mm length, 90 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 500mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120150</b>	<b>5000ml Single Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	4200 ml
Impeller	PTFE Turbine, 500 mm length, 90 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 600mm length incl. probe adapter
Piston	15 mm
Pack Qty	1



<b>RR120155</b>	<b>5000ml Vacuum Jacketed Process Vessel Kit</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	3870 ml
Impeller	PTFE Turbine, 500 mm length, 90 mm rotor diameter
Temperature Probe	Pt100 PTFE Temperature Probe 9mm with Lemo Plug, 600mm length incl. probe adapter
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only



<b>RR130102</b>	<b>100ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	290 ml
Piston	15 mm
Pack Qty	1



<b>RR130152</b>	<b>100ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	280 ml
Piston	15 mm
Pack Qty	1



<b>RR130252</b>	<b>250ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	350 ml
Piston	15 mm
Pack Qty	1



<b>RR130257</b>	<b>250ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	270 ml
Piston	15 mm
Pack Qty	1



<b>RR130502</b>	<b>500ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	550 ml
Piston	15 mm
Pack Qty	1



<b>RR130552</b>	<b>500ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	370 ml
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only



<b>RR131002</b>	<b>1000ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	1030 ml
Piston	15 mm
Pack Qty	1



<b>RR131052</b>	<b>1000ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	680 ml
Piston	15 mm
Pack Qty	1



<b>RR132002</b>	<b>2000ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	1370 ml
Piston	15 mm
Pack Qty	1



<b>RR132052</b>	<b>2000ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	680 ml
Piston	15 mm
Pack Qty	1



<b>RR133002</b>	<b>3000ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	2480 ml
Piston	15 mm
Pack Qty	1



<b>RR133052</b>	<b>3000ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	1960 ml
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only



<b>RR135002</b>	<b>5000ml Single Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	4200 ml
Piston	15 mm
Pack Qty	1



<b>RR135052</b>	<b>5000ml Vacuum Jacketed Process Vessel</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	3870 ml
Piston	15 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only - with large 25 mm piston



<b>RR130102/25</b>	<b>100ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	290 ml
Piston	25 mm
Pack Qty	1



<b>RR130152/25</b>	<b>100ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	110 ml
Jacket Volume	280 ml
Piston	25 mm
Pack Qty	1



<b>RR130252/25</b>	<b>250ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	350 ml
Piston	25 mm
Pack Qty	1



<b>RR130257/25</b>	<b>250ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	275 ml
Jacket Volume	270 ml
Piston	25 mm
Pack Qty	1



<b>RR130502/25</b>	<b>500ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	550 ml
Piston	25 mm
Pack Qty	1



<b>RR130552/25</b>	<b>500ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	550 ml
Jacket Volume	370 ml
Piston	25 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only - with large 25 mm piston



<b>RR131002/25</b>	<b>1000ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	1030 ml
Piston	25 mm
Pack Qty	1



<b>RR131052/25</b>	<b>1000ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	1100 ml
Jacket Volume	680 ml
Piston	25 mm
Pack Qty	1



<b>RR132002/25</b>	<b>2000ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	1370 ml
Piston	25 mm
Pack Qty	1



<b>RR132052/25</b>	<b>2000ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	2200 ml
Jacket Volume	990 ml
Piston	25 mm
Pack Qty	1



<b>RR133002/25</b>	<b>3000ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	2480 ml
Piston	25 mm
Pack Qty	1



<b>RR133052/25</b>	<b>3000ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	3300 ml
Jacket Volume	1960 ml
Piston	25 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# Process Reaction Vessels Only - with large 25 mm piston



<b>RR135002/25</b>	<b>5000ml Single Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	4200 ml
Piston	25 mm
Pack Qty	1



<b>RR135052/25</b>	<b>5000ml Vacuum Jacketed Process Vessel - 25mm Piston</b>
Material	Borosilicate Glass and PTFE
Max. working volume*	5500 ml
Jacket Volume	3870 ml
Piston	25 mm
Pack Qty	1

\*Max. working volumes are approximate and based on contents at ambient temperature.

# PTFE Temperature Probes and Adapters



RR140250	Pt100 PTFE Temp. Probe 8mm + Lemo Plug - 250ml + 500ml vessels
Material	PTFE
Dimensions (lxø)	400 x 8 mm
Pack Qty	1



RR141000	Pt100 PTFE Temp. Probe 9mm + Lemo Plug - 1000ml + 2000ml + 3000ml vessels
Material	PTFE
Dimensions (lxø)	500 x 9 mm
Pack Qty	1



RR145000	Pt100 PTFE Temp. Probe 9mm + Lemo Plug - 5L to 10L Vessels
Material	PTFE
Dimensions (lxø)	600 x 9 mm
Pack Qty	1



RR140010	PTFE Temperature Probe Adapter - 8mm
Material	PTFE, PEEK, Polypropylene, PBT, Viton
Pack Qty	1



RR140015	PTFE Temperature Probe Adapter - 9mm
Material	PTFE, PEEK, Polypropylene, PBT, Viton
Pack Qty	1

# PTFE Stirrer Shafts for Process Vessels

## Anchors



RR150102	Anchor PTFE Stirrer Shaft - 100ml Process Vessels
Material	PTFE
Shaft Length	335 mm
Rotor Width	40 mm
Quantity	1



RR150252	Anchor PTFE Stirrer Shaft - 250ml Process Vessels
Material	PTFE
Shaft Length	350 mm
Rotor Width	45 mm
Quantity	1



RR150502	Anchor PTFE Stirrer Shaft - 500ml Process Vessels
Material	PTFE
Shaft Length	385 mm
Rotor Width	50 mm
Quantity	1



RR151002	Anchor PTFE Stirrer Shaft - 1000ml Process Vessels
Material	PTFE
Shaft Length	415 mm
Rotor Width	80 mm
Quantity	1



RR152002	Anchor PTFE Stirrer Shaft - 2000ml Process Vessels
Material	PTFE
Shaft Length	455 mm
Rotor Width	80 mm
Quantity	1



RR153002	Anchor PTFE Stirrer Shaft - 3000ml Process Vessels
Material	PTFE
Shaft Length	500 mm
Rotor Width	100 mm
Quantity	1



RR155002	Anchor PTFE Stirrer Shaft - 5000ml Process Vessels
Material	PTFE
Shaft Length	520 mm
Rotor Width	100 mm
Quantity	1

# PTFE Stirrer Shafts for Process Vessels

## Retreat Curves



RR150107	Retreat Curve PTFE Stirrer Shaft - 100ml Process Vessels
Material	PTFE
Shaft Length	335 mm
Rotor Width	40 mm
Quantity	1



RR150257	Retreat Curve PTFE Stirrer Shaft - 250ml Process Vessels
Material	PTFE
Shaft Length	350 mm
Rotor Width	45 mm
Quantity	1



RR150507	Retreat Curve PTFE Stirrer Shaft - 500ml Process Vessels
Material	PTFE
Shaft Length	385 mm
Rotor Width	60 mm
Quantity	1



RR151007	Retreat Curve PTFE Stirrer Shaft - 1000ml Process Vessels
Material	PTFE
Shaft Length	415 mm
Rotor Width	75 mm
Quantity	1



RR152007	Retreat Curve PTFE Stirrer Shaft - 2000ml Process Vessels
Material	PTFE
Shaft Length	455 mm
Rotor Width	90 mm
Quantity	1



RR153007	Retreat Curve PTFE Stirrer Shaft - 3000ml Process Vessels
Material	PTFE
Shaft Length	500 mm
Rotor Width	110 mm
Quantity	1



RR155007	Retreat Curve PTFE Stirrer Shaft - 5000ml Process Vessels
Material	PTFE
Shaft Length	520 mm
Rotor Width	110 mm
Quantity	1

# PTFE Stirrer Shafts for Process Vessels

## Turbines



RR150112	Turbine PTFE Stirrer Shaft - 100ml Process Vessels
Material	PTFE
Shaft Length	315 mm
Rotor Width	35 mm
Quantity	1



RR150262	Turbine PTFE Stirrer Shaft - 250ml Process Vessels
Material	PTFE
Shaft Length	330 mm
Rotor Width	35 mm
Quantity	1



RR150512	Turbine PTFE Stirrer Shaft - 500ml Process Vessels
Material	PTFE
Shaft Length	365 mm
Rotor Width	40 mm
Quantity	1



RR151012	Turbine PTFE Stirrer Shaft - 1000ml Process Vessels
Material	PTFE
Shaft Length	395 mm
Rotor Width	50 mm
Quantity	1



RR152012	Turbine PTFE Stirrer Shaft - 2000ml Process Vessels
Material	PTFE
Shaft Length	430 mm
Rotor Width	70 mm
Quantity	1



RR153012	Turbine PTFE Stirrer Shaft - 3000ml Process Vessels
Material	PTFE
Shaft Length	480 mm
Rotor Width	90 mm
Quantity	1



RR155012	Turbine PTFE Stirrer Shaft - 5000ml Process Vessels
Material	PTFE
Shaft Length	500 mm
Rotor Width	90 mm
Quantity	1

# Overhead Stirrers

Any brand of overhead stirrer can be used with Reactor-Ready Flex, as long as it can accommodate impellers with a 10 mm outer diameter shaft. We recommend and supply the Heidolph Hei-TORQUE range, capable of handling the most demanding mixing tasks whilst providing the highest safety.



<b>501-60410-00</b>	<b>Hei-TORQUE Core</b>
Material	Aluminium
Speed Range	20 - 2,000 rpm*
Weight	2.3 kg
Max. torque (Ncm)	65
Dimensions (WxDxH)	70 x 282 x 195 mm
Analog / digital interface	N/A
Pack Qty	1



<b>501-62010-00</b>	<b>Hei-TORQUE Expert 200</b>
Material	Aluminium
Speed Range	10 - 2,000 rpm*
Weight	5.1 kg
Max. torque (Ncm)	200
Dimensions (WxDxH)	86 x 350 x 247 mm
Analog / digital interface	N/A
Pack Qty	1



<b>501-62020-00</b>	<b>Hei-TORQUE Ultimate 200 with USB &amp; RS232</b>
Material	Aluminium
Speed Range	10 - 2,000 rpm*
Weight	5.1 kg
Max. torque (Ncm)	200
Dimensions (WxDxH)	86 x 350 x 247 mm
Analog / digital interface	USB and RS232
Pack Qty	1



<b>501-64010-00</b>	<b>Hei-TORQUE Expert 400</b>
Material	Aluminium
Speed Range	Gear I 10 - 400; Gear II 20 - 2,000*
Weight	5.3 kg
Max. torque (Ncm)	400
Dimensions (WxDxH)	93 x 350 x 247 mm
Analog / digital interface	N/A
Pack Qty	1



<b>501-64020-00</b>	<b>Hei-TORQUE Ultimate 400 with USB &amp; RS232</b>
Material	Aluminium
Speed Range	Gear I 10 - 400; Gear II 20 - 2,000*
Weight	5.3 kg
Max. torque (Ncm)	400
Dimensions (WxDxH)	93 x 350 x 247 mm
Analog / digital interface	USB and RS232
Pack Qty	1



<b>14-007-040-72</b>	<b>RS232 Interface Cable - 9pin to 9pin</b>
Pack Qty	1

\*The maximum recommended speed for Reactor-Ready Flex is 500 rpm for continuous use, and 800 rpm for short periods.

# Circulators

Reactor-Ready Flex can be used between -70 °C and 230 °C jacket temperature. We recommend and supply the Huber range of circulators/thermoregulators. However, any brand can be used with the right hoses and adapters.



<b>HB2008.0005.01</b>	<b>Huber CC-K6</b>
Temperature Range	-25 to +200 °C
Example Performance (Process Temperature)	1 L vessel: 20 °C to 150 °C in 38 min 150 °C to 20 °C in 117 min
Heating capacity	1.6-2.1 kW
Cooling capacity	0.15 kW @ 0 °C
Connections	M16
Weight	25 kg
Dimensions (WxDxH)	210 x 400 x 546 mm
Controller	Pilot ONE E-grade Basic
Analog / digital interface	USB and RS232
Pack Qty	1



<b>HB2015.0005.01</b>	<b>Huber Ministat 230</b>
Temperature Range	-40 to +200 °C
Example Performance (Process Temperature)	500 ml vessel: 20 °C to -20 °C in ~ 30 min -20 °C to 150 °C in <30 min
Heating capacity	1.6-2.1 kW
Cooling capacity	0.38 kW @ 0 °C
Connections	M16
Weight	37 kg
Dimensions (WxDxH)	255 x 450 x 476 mm
Controller	Pilot ONE E-grade Basic
Analog / digital interface	USB and RS232
Pack Qty	1



<b>HB2016.0005.01</b>	<b>Huber Ministat 240</b>
Temperature Range	-45 to +200 °C
Example Performance (Process Temperature)	2 L vessel: 100 °C to -20 °C in 95 min -20 °C to 100 °C in 40 min
Heating capacity	1.8-2.1 kW
Cooling capacity	0.55 kW @ 0 °C
Connections	M16
Weight	41 kg
Dimensions (WxDxH)	300 x 465 x 516 mm
Controller	Pilot ONE E-grade Basic
Analog / digital interface	USB and RS232
Pack Qty	1



<b>HB1030.0001.01</b>	<b>Huber Petite Fleur</b>
Temperature Range	-40 to +200 °C
Example Performance (Process Temperature)	1 L vessel: 20 °C to 150 °C, then cool to 0 °C in <120 min
Heating capacity	1.6-2 kW
Cooling capacity	0.45 kW @ 0 °C
Connections	M16
Weight	45 kg
Dimensions (WxDxH)	260 x 450 x 495 mm
Controller	Pilot ONE E-grade Professional
Analog / digital interface	USB and RS232
Pack Qty	1

# Circulators



<b>HB1000.0037.01</b>	<b>Huber Unistat Tango</b>
Temperature Range	-45 to +250 °C
Example Performance (Process Temperature)	2 L vessel: 20 °C to 180 °C, then cool to 20 °C in ~ 60 min
Heating capacity	3 kW (requires a 16A power supply)
Cooling capacity	0.70 kW @ 0 °C
Connections	M24
Weight	56 kg
Dimensions (WxDxH)	426 x 327 x 631 mm
Controller	Pilot ONE E-grade Professional
Analog / digital interface	USB and RS232
Pack Qty	1

<b>HB9495</b>	<b>Basic to Exclusive Upgrade</b>
---------------	-----------------------------------



<b>HB55018</b>	<b>Control Cable (3m) RS232 / PC</b>
Pack Qty	1

# Circulator Accessories

For Reactor-Ready Starter, please select the relevant size of PEEK Vessel Side Arm Connectors to connect circulator hoses directly to the vessel sidearms. These are available in three sizes: M16, M24 and NW12.

## Features include:

- PEEK with Viton O-rings ensures all wetted parts are chemically resistant
- PEEK expands and contracts at a similar rate to glass to minimise the risk of leaks when working at extreme temperatures
- Lightweight, metal-free design prevents chipping and minimises strain on the glass fitting
- Operate over the temperature range -70 °C to +230 °C
- Quick-release, screw thread design allows rapid exchange of vessels without the use of tools
- Simply tighten by hand for a tight seal

When hoses are connected directly to the vessel sidearms, we strongly recommend the use of the Hose Supports. These attach to the Reactor-Ready Starter framework and are designed to support the weight of insulated circulator hoses, thus minimising strain on the glass.



<b>RR121233</b>	<b>NW12 PEEK Vessel Side Arm Connectors</b>
Material	PEEK, Viton
Pack Qty	2



<b>RR121230</b>	<b>M16 PEEK Vessel Side Arm Connectors</b>
Material	PEEK, Viton
Pack Qty	2



<b>RR121236</b>	<b>M24 PEEK Vessel Side Arm Connectors</b>
Material	PEEK, Viton
Pack Qty	2



<b>RR121210</b>	<b>Hose Supports</b>
Material	Stainless Steel, Aluminium, Black Nylon, Stainless Steel. Viton
Pack Qty	2



<b>HB6164</b>	<b>SiOI M40.165/220.10 10Ltr</b>
Volume	10 L
Temperature Range	-40 °C to 165/220 °C
Pack Qty	1



<b>HB6162</b>	<b>SiOI M20.195/235.20 10Ltr</b>
Volume	10 L
Temperature Range	-20 °C to 195/235 °C
Pack Qty	1

# Circulator Accessories



HB9325	M24/1.5 x 1m Insulated PTFE Hose,12mm ID x 37mm OD
Thread Size	M24x1.5
Material	PTFE
Length	1 m
Temperature Range	-60 °C to +260 °C
Pack Qty	1



HB9326	M24/1.5 x 1.5m Insulated PTFE Hose,12mm ID x 37mm OD
Thread Size	M24x1.5
Material	PTFE
Length	1.5 m
Temperature Range	-60 °C to +260 °C
Pack Qty	1



HB9327	M24/1.5 x 2m Insulated PTFE Hose,12mm ID x 37mm OD
Thread Size	M24x1.5
Material	PTFE
Length	2 m
Temperature Range	-60 °C to +260 °C
Pack Qty	1



HB9328	M24/1.5 x 3m Insulated PTFE Hose,12mm ID x 37mm OD
Thread Size	M24x1.5
Material	PTFE
Length	3 m
Temperature Range	-60 °C to +260 °C
Pack Qty	1



HB9608	M16/1 x 1m Insulated Metal Hose,12mm ID x 33mm OD
Thread Size	M16x1
Material	Stainless Steel
Length	1 m
Temperature Range	-50 °C to +200 °C
Pack Qty	1



HB9609	M16/1 x 1.5m Insulated Metal Hose,12mm ID x 33mm OD
Thread Size	M16x1
Material	Stainless Steel
Length	1.5 m
Temperature Range	-50 °C to +200 °C
Pack Qty	1

# Circulator Accessories



HB9610	M16/1 x 2m Insulated Metal Hose,12mm ID x 33mm OD
Thread Size	M16x1
Material	Stainless Steel
Length	2 m
Temperature Range	-50 °C to +200 °C
Pack Qty	1



HB9611	M16/1 x 3m Insulated Metal Hose,12mm ID x 33mm OD
Thread Size	M16x1
Material	Stainless Steel
Length	3 m
Temperature Range	-50 °C to +200 °C
Pack Qty	1



HB9274	M24/1.5 x 1m Insulated Metal Hose,12mm ID x 44mm OD
Thread Size	M24x1.5
Material	Stainless Steel
Length	1 m
Temperature Range	-100 °C to +350 °C
Pack Qty	1



HB9275	M24/1.5 x 1.5m Insulated Metal Hose,12mm ID x 44mm OD
Thread Size	M24x1.5
Material	Stainless Steel
Length	1.5 m
Temperature Range	-100 °C to +350 °C
Pack Qty	1



HB9276	M24/1.5 x 2m Insulated Metal Hose,12mm ID x 44mm OD
Thread Size	M24x1.5
Material	Stainless Steel
Length	2 m
Temperature Range	-100 °C to +350 °C
Pack Qty	1



HB9277	M24/1.5 x 3m Insulated Metal Hose,12mm ID x 44mm OD
Thread Size	M24x1.5
Material	Stainless Steel
Length	3 m
Temperature Range	-100 °C to +350 °C
Pack Qty	1

# Circulator Accessories



HB34322/2	12mm ID Viton Hose - 2m
Material	FKM
Temperature Range	-20 to +180 °C
Pack Qty	1



HB6724	M24/1.5 Female to M16/1 Male Adapter
Material	Stainless Steel
Pack Qty	1



HB6195	M16/1 90deg Adapter
Thread Size	M16x1 Female to M16x1 Male
Material	Stainless Steel
Pack Qty	1





HB9256	M24/1.5 90deg Adapter
Thread Size	M24x1.5 Female to M24x1.5 Male
Material	Stainless Steel
Pack Qty	1














# Software and Accessories

## AVA Software - designed to control jacketed lab reactors

- Pad Controller or PC-based software
- Enhance Health & Safety
- Improve productivity with unattended chemistry
- Reduce manual errors and increase reproducibility
- Automatically log all process data
- Manage multiple devices and complex experiments

	 <p>AVA Pad Reactor Controller</p>	 <p>AVA PC Reaction Control Software</p>
<b>Cat No</b>	<i>Coming soon</i>	RR20308
<b>Description</b>	Compact 10" Touch Screen all-in-one Reactor Controller	PC-based Reaction Control Software with separate Data Hub
<b>Control &amp; Log</b>	Up to 16 Devices	Up to 16 Devices
<b>Device Connectivity</b>	Integrated: RS232 x4 and Temp Sensor Ports x2	Via separate Data Hub
<b>Placement</b>	Within fume hood: benchtop, stand or frame mounted	External to fume hood: via dedicated laptop or PC
<b>Multiple reactor control</b>	No	Up to 4

## Control and log

	Overhead Stirrers
	Circulators
	Temperature Sensors
	Peristaltic Pumps
	Syringe Pumps
	Piston Pumps
	Balances
	pH Sensors
	Vacuum Pumps
	Gas Flow Controllers
	Gas Flow Meters
	Pressure Sensors
	Conductivity Sensors

See software for full specifications and a list of available drivers.

# Software and Accessories



<b>RR20306</b>	<b>AVA Level 3 Software Kit - UK Plug</b>
Includes	1 x RR20250 - Laptop Controller - UK Plug 1 x RR20200 - Data Hub 4 Port - UK Plug 1 x RR20113 - AVA Software Level 3 + 1 Yr AVA Care
Pack Qty	1
<b>RR20306/EURO</b>	<b>AVA Level 3 Software Kit - Euro Plug</b>
<b>RR20306/JAP</b>	<b>AVA Level 3 Software Kit - Japan Plug</b>
<b>RR20306/SWISS</b>	<b>AVA Level 3 Software Kit - Swiss Plug</b>
<b>RR20306/US</b>	<b>AVA Level 3 Software Kit - US Plug</b>



<b>RR20308</b>	<b>AVA Level 4 Software Kit - UK Plug</b>
Includes	1 x RR20250 - Laptop Controller - UK Plug 1 x RR20200 - Data Hub 4 Port - UK Plug 1 x RR20114 - AVA Software Level 4 + 1 Yr AVA Care
Pack Qty	1
<b>RR20308/EURO</b>	<b>AVA Level 4 Software Kit - Euro Plug</b>
<b>RR20308/JAP</b>	<b>AVA Level 4 Software Kit - Japan Plug</b>
<b>RR20308/SWISS</b>	<b>AVA Level 4 Software Kit - Swiss Plug</b>
<b>RR20308/US</b>	<b>AVA Level 4 Software Kit - US Plug</b>



<b>RR20250</b>	<b>Laptop Controller - UK Plug</b>
Pack Qty	1
<b>RR20250/EURO</b>	<b>Laptop Controller - Euro Plug</b>
<b>RR20250/JAP</b>	<b>Laptop Controller - Japan Plug</b>
<b>RR20250/SWISS</b>	<b>Laptop Controller - Swiss Plug</b>
<b>RR20250/US</b>	<b>Laptop Controller - US Plug</b>



<b>RR20454</b>	<b>Ethernet Switch - UK plug</b>
Pack Qty	1
<b>RR20454/EURO</b>	<b>Ethernet Switch - Euro Plug</b>
<b>RR20454/JAP</b>	<b>Ethernet Switch - Japan Plug</b>
<b>RR20454/SWISS</b>	<b>Ethernet Switch - Swiss Plug</b>
<b>RR20454/US</b>	<b>Ethernet Switch - US Plug</b>



<b>RR20200</b>	<b>Data Hub 4 Port - UK Plug</b>
Connectors	1 x Ethernet Port 2 x Pt100 Temp Sensor LEMO Inputs 4 x RS232 Serial Inputs
Dimensions (wxdxh)	204 x 102 x 36 mm
Pack Qty	1
<b>RR20200/EURO</b>	<b>Data Hub 4 Port - Euro Plug</b>
<b>RR20200/JAP</b>	<b>Data Hub 4 Port - Japan Plug</b>
<b>RR20200/SWISS</b>	<b>Data Hub 4 Port - Swiss Plug</b>
<b>RR20200/US</b>	<b>Data Hub 4 Port - US Plug</b>



<i>Coming Soon</i>	<b>AVA Pad</b>
Connectors	2 x Pt100 Temp Sensor LEMO Inputs 4 x RS232 Serial Inputs 1 x Ethernet Port 1 x HDMI Port 2 x USB Port
Dimensions (WxDxH)	266 x 188 x 109 mm
Touch Screen Size	10"
Pack Qty	1

# Software and Accessories



RR20512	Control Pad Support Rod
Pack Qty	1



RR20510	Control Pad Stand
Pack Qty	1



RR20217	Driver Configuration Service - Existing Device Category
Pack Qty	1



RR20220	Driver Configuration Service - New Device Category
Pack Qty	1



RR20125	AVA upgrade level 3 to 4
Pack Qty	1



RR20113	AVA Software Level 3 + 1 Yr AVA Care
Pack Qty	1



RR20114	AVA Software Level 4 + 1 Yr AVA Care
Pack Qty	1



RR20143	AVA Care Level 3 - 1 Year
Pack Qty	1



RR20144	AVA Care Level 4 - 1 Year
Pack Qty	1

# Automation Modules



RR20500	Gravimetric Additions Module	
Module Includes		
RR20446	Top Loading Balance 0.01 g x 4200 g - UK Plug	1
RR20447	Control Cable Balance to PC 3 m	1
RR20470	Peristaltic Pump 600rpm 4000ml/min - UK Plug	1
RR20472	Peristaltic Pump Head for 1.6mm Wall Tubing	1
RR91237	RS232 Interface Cable - 9pin to 9pin	1
RR20476	PharMed BPT Tubing 1.7mm Bore 1.6mm Wall 7.5m	1
RR139091	Adapter Rodaviss B24 to GL14	1
RR139095	Adapter Rodaviss B24 to 2 x GL14	1
RR9139101	1000ml Lab Bottle GL45	1
RR139109	Distribution Cap GL45 with 2 x GL14	1
RR139111	Screw Cap with Aperture GL14	10
RR139113	Silicone Seal with PTFE Washer GL14 6mm	10



RR20504	Syringe Pump Additions Module	
Module Includes		
RR20418	Single Syringe Pump to 60cc - UK Plug	1
RR20420	Control Cable Single Syringe Pump to PC 2m	1
RR20407	Marprene Tubing 1.6mm Bore 1.6mm Wall 5m	1
RR139111	Screw Cap with Aperture GL14	10
RR139113	Silicone Seal with PTFE Washer GL14 6mm	10
RR139091	Adapter Rodaviss B24 to GL14	1
RR40569	Adapter Rodaviss B24 to 2 x GL14	1



RR20502	pH Module*	
Module Includes		
RR20424	pH/mV/Temp Meter Portable + Control Cable (probe not included)	1
RR20438	Cable pH Meter to Combination VP Probe 3m	1
RR139087	Adapter Rodaviss B34 to GL25	1
RR139125	Swivel 12mm pH Probe Adapter GL25	1
RR20440	Buffer Solution Certified pH 4.01 +/-0.02 - 500ml	1
RR20442	Buffer Solution Certified pH 7.00 +/-0.02 - 500 ml	1
RR20444	Buffer Solution Certified pH 9.21 +/-0.02 - 500 ml	1



RR20506	Vacuum Pump Module	
Module Includes		
VB696702	PC3001 Vario Chemistry Diaphragm Pump - UK Plug	1
VB20637838	Adapter Cable USB to RS-232 1 m	1
RR20216	Null Modern Serial Cable, 2 m	1
RR20456	NW 8 Rubber Vacuum Hose, 3 m	1
RR139025	Gas Purge Adapter B24 + GL14 + Fittings	1

\*A suitable pH probe (for the vessel size) needs to be selected. See next page.

# pH Probes



RR20432	Combination VP pH Probe 325 mm x 12 mm (100, 250, 500 ml vessels)
Pack Qty	1



RR20434	Combination VP pH Probe 360 mm x 12 mm (1000 ml vessels)
Pack Qty	1



RR20436	Combination VP pH Probe 425 mm x 12 mm (2000, 3000, 5000 ml vessels)
Pack Qty	1

# Lids

A borosilicate glass 5 Neck Lid is included with Reactor-Ready Pro and Starter. It combines with the PTFE Support Collar and FEP Encapsulated Silicone O-ring (included) to offer superior sealing performance.

## Features include:

- Fits all vessel sizes
- DN100 precision ground flat flange with gas tight seal
- 5 x Rodaviss sockets: B24 centre, B34, B29, B24 and B19 side joints
- Rodaviss sockets will not jam, are grease-free and gas tight
- Rodaviss sockets will accept any glassware with traditional A, B or C length conical cones

PTFE lid options are also available. Advantages of PTFE lids include:

- Changeable joints allow for maximum flexibility
- Enables more joints in a smaller space
- More suitable for PAT and test probes than equivalent glass lids
- More robust and less likely to break than glass
- Flatter lid – less dead space at the top of vessel



RR136000	Reactor-Ready 5 Neck Lid DN100 - 1xB19 2xB24 1xB29 1xB34
Material	Borosilicate Glass
Pack Qty	1



RR136100	DN100 PTFE 5 Neck Lid 1xB19 2xB24 1xB29 1xB34 & 2 Blanked Ports
Includes	PTFE sockets/blanking plugs and Rodaviss sealing caps
Material	PTFE
Pack Qty	1



RR136121	DN100 PTFE 5 Neck Blaze Lid & 2 Blanked Ports 1xB19 2xB24 1xB29 1xB34
Includes	PTFE 14mm and 19mm Compression Fittings, PTFE sockets/blanking plugs and Rodaviss sealing caps
Material	PTFE
Pack Qty	1



RR136110	DN100 PTFE Lid only with 7 Threaded Ports*
Material	PTFE
Description	Central 3/4" NPT 3 x 15° side angled 3/4" NPT 10° x 10° side angled 3/4" NPT Side vertical 1/4" NPT 2 x Side vertical 1/4" NPT
Pack Qty	1



RR136120	DN100 PTFE Blaze Lid only with 7 Threaded Ports*
Material	PTFE
Description	Central 3/4" NPT 2 x 15° side angled 3/4" NPT 19° x 9° side compound angled 3/4" NPT 10° x 10° side compound angled 3/4" NPT 2 x Side vertical 1/4" NPT
Pack Qty	1

\*No sockets included. Please select the necessary fittings from the list on page 39.

# Lids



RR121095	PTFE Support Collar for FEP O-ring - DN100
Material	PTFE
Pack Qty	1



RR121090	FEP Encapsulated Silicone Vessel O-ring - DN100
Material	FEP Encapsulated Silicone
Pack Qty	1



RR139103	Viton Vessel O-Ring Seal - DN100
Material	Viton
Pack Qty	1



RR139107	Chemraz Vessel O-ring Seal - DN100
Material	Chemraz
Pack Qty	1

# Sockets and Blanking Plugs for PTFE Lids



RR136300	Rodaviss B19 Socket Adapter (3/4" NPT)
Material	PTFE
Pack Qty	1



RR136301	Rodaviss B24 Socket Adapter (3/4" NPT)
Material	PTFE
Pack Qty	1



RR136302	Rodaviss B29 Socket Adapter (3/4" NPT)
Material	PTFE
Pack Qty	1



RR136303	Rodaviss B34 Socket Adapter (3/4" NPT)
Material	PTFE
Pack Qty	1



RR136304	Rodaviss B45 Socket Adapter (3/4" NPT)
Material	PTFE
Pack Qty	1



RR136327	PTFE Blanking Plug 1/4" NPT
Material	PTFE
Pack Qty	1



RR136328	PTFE Blanking Plug 3/4" NPT
Material	PTFE
Pack Qty	1

# Compression Fittings for PTFE Lids



RR136314	3mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136315	6mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136316	8mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136317	12mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136318	14mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136319	16mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1



RR136320	19mm Bore Compression Fitting 1/4" NPT
Material	PTFE
Pack Qty	1

# PTFE Baffles



RR257100	PTFE Support Collar for Baffles (O-ring not included)
Material	PTFE
Pack Qty	1



RR257110	Removable PTFE Baffles 250ml Process Vessels
Material	PTFE
Pack Qty	3



RR257112	Removable PTFE Baffles 500ml Process Vessels
Material	PTFE
Pack Qty	3



RR257114	Removable PTFE Baffles 1000ml Process Vessels
Material	PTFE
Pack Qty	3



RR257116	Removable PTFE Baffles 2000ml Process Vessels
Material	PTFE
Pack Qty	3



RR257117	Removable PTFE Baffles 3000ml Process Vessels
Material	PTFE
Pack Qty	3



RR257118	Removable PTFE Baffles 5000ml Process Vessels
Material	PTFE
Pack Qty	3

# Glassware Accessories



<b>RR139009</b>	<b>Condenser Jacket Coil Rodaviss B29 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B29/32, GL14
Pack Qty	1



<b>RR139007</b>	<b>Condenser Double Surface 200mm B29 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B29/32, GL14
Pack Qty	1



<b>RR139005</b>	<b>Condenser Liebig 250mm B29 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B29/32, GL14
Pack Qty	1



<b>RR139010</b>	<b>Right Angle Adapter B19 + GL14 + PTFE fittings</b>
Material	Borosilicate Glass, PBT
Connections	B19/26, GL14
Pack Qty	1



<b>RR139011</b>	<b>Right Angle Adapter B29 + GL14 + PTFE fittings</b>
Material	Borosilicate Glass, PBT
Connections	B29/32, GL14
Pack Qty	1



<b>RR139012</b>	<b>Right Angle Adapter B34 + GL14 + PTFE fittings</b>
Material	Borosilicate Glass, PBT
Connections	B34/35, GL14
Pack Qty	1



<b>RR139013</b>	<b>50ml Graduated Dropping Funnel Equalising Arm B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1



<b>RR139015</b>	<b>100ml Graduated Dropping Funnel Equalising Arm B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1

# Glassware Accessories



<b>RR139017</b>	<b>250ml Graduated Dropping Funnel Equalising Arm B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1



<b>RR139019</b>	<b>500ml Graduated Dropping Funnel Equalising Arm B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1



<b>RR139021</b>	<b>1000ml Graduated Dropping Funnel Equalising Arm B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1



<b>RR139053</b>	<b>Solid Additions Funnel B34 (with extended tube)</b>
Material	Borosilicate Glass
Connections	B34/35
Pack Qty	1



<b>RR139025</b>	<b>Gas Purge Adapter B24 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B24/29, GL14
Pack Qty	1



<b>RR139023</b>	<b>Swan Neck Adapter Angled B24 to Vertical B24</b>
Material	Borosilicate Glass
Connections	B24/29 to B24/29
Pack Qty	1



<b>RR139057</b>	<b>Valved Right Angled Liquid Inlet Adapter B24 to GL14</b>
Material	Borosilicate Glass
Connections	B24/29, GL14
Pack Qty	1



<b>RR139318</b>	<b>Valved Right Angled Liquid Inlet Adapter B29 to GL14</b>
Material	Borosilicate Glass
Connections	B29/32, GL14
Pack Qty	1

# Glassware Accessories



<b>RR139051</b>	<b>Oil Bubbler Type 1 B24 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B24/29, GL14
Pack Qty	1



<b>RR139314</b>	<b>Oil Bubbler Type 1 B29 + GL14 + fittings</b>
Material	Borosilicate Glass, PBT
Connections	B29/32, GL14
Pack Qty	1



<b>RR139150</b>	<b>Reflux Divider Head B29 + GL18 + PTFE Fitting</b>
Material	Borosilicate Glass, PBT, PTFE, Viton, PP
Connections	B29/32 cone, GL18 hose fitting
Pack Qty	1



<b>RR139152</b>	<b>Reflux Divider Head B29 GL18 &amp; Temp Probe Port B14</b>
Material	Borosilicate Glass, PBT, PTFE, Viton, PP
Connections	B29/32 cone, GL18 hose fitting and B14/23 cone
Pack Qty	1



<b>RR139027</b>	<b>Glass Cone Stopper B19</b>
Material	Borosilicate Glass
Connections	B19/26
Pack Qty	1



<b>RR139029</b>	<b>Glass Cone Stopper B24</b>
Material	Borosilicate Glass
Connections	B24/29
Pack Qty	1



<b>RR139031</b>	<b>Glass Cone Stopper B29</b>
Material	Borosilicate Glass
Connections	B29/32
Pack Qty	1



<b>RR139033</b>	<b>Glass Cone Stopper B34</b>
Material	Borosilicate Glass
Connections	B34/35
Pack Qty	1

# Glassware Accessories



<b>RR139039</b>	<b>Reducing Adapter B24 to B19</b>
Material	Borosilicate Glass
Connections	B24/29 to B19/26
Pack Qty	1



<b>RR139041</b>	<b>Reducing Adapter B29 to B19</b>
Material	Borosilicate Glass
Connections	B29/32 to B19/26
Pack Qty	1



<b>RR139043</b>	<b>Reducing Adapter B29 to B24</b>
Material	Borosilicate Glass
Connections	B29/32 to B24/29
Pack Qty	1



<b>RR139045</b>	<b>Reducing Adapter B34 to B19</b>
Material	Borosilicate Glass
Connections	B34/39 to B19/26
Pack Qty	1



<b>RR139047</b>	<b>Reducing Adapter B34 to B24</b>
Material	Borosilicate Glass
Connections	B34/35 to B24/29
Pack Qty	1



<b>RR139049</b>	<b>Reducing Adapter B34 to B29</b>
Material	Borosilicate Glass
Connections	B34/35 to B29/32
Pack Qty	1



<b>RR139034</b>	<b>Enlarging Adapter B19 to B24</b>
Material	Borosilicate Glass
Connections	B19/26 to B24/29
Pack Qty	1



<b>RR139035</b>	<b>Enlarging Adapter B24 to B29</b>
Material	Borosilicate Glass
Connections	B24/29 to B29/32
Pack Qty	1

# Glassware Accessories



<b>RR139037</b>	<b>Enlarging Adapter B29 to B34</b>
Material	Borosilicate Glass
Connections	B29/32 to B34/35
Pack Qty	1



<b>RR139085</b>	<b>Adapter Rodaviss B19 to GL25</b>
Material	Borosilicate Glass, PBT
Connections	B19/26 to GL25
Pack Qty	1



<b>RR139332</b>	<b>Adapter Rodaviss B24 to GL25</b>
Material	Borosilicate Glass, PBT
Connections	B24/29 to GL25
Pack Qty	1



<b>RR139334</b>	<b>Adapter Rodaviss B29 to GL25</b>
Material	Borosilicate Glass, PBT
Connections	B29/32 to GL25
Pack Qty	1



<b>RR139087</b>	<b>Adapter Rodaviss B34 to GL25</b>
Material	Borosilicate Glass, PBT
Connections	B34/35 to GL25
Pack Qty	1



<b>RR139089</b>	<b>Adapter Rodaviss B19 to GL14</b>
Material	Borosilicate Glass, PBT
Connections	B19/26 to GL14
Pack Qty	1



<b>RR139091</b>	<b>Adapter Rodaviss B24 to GL14</b>
Material	Borosilicate Glass, PBT
Connections	B24/29 to GL14
Pack Qty	1



<b>RR139336</b>	<b>Adapter Rodaviss B29 to GL14</b>
Material	Borosilicate Glass, PBT
Connections	B29/32 to GL14
Pack Qty	1

# Glassware Accessories



RR139093	Adapter Rodaviss B19 to 2 x GL14
Material	Borosilicate Glass, PBT
Connections	B19/26, 2 x GL14
Pack Qty	1



RR139095	Adapter Rodaviss B24 to 2 x GL14
Material	Borosilicate Glass, PBT
Connections	B24/29, 2 x GL14
Pack Qty	1



RR139338	Adapter Rodaviss B29 to 2 x GL14
Material	Borosilicate Glass, PBT
Connections	B29/32, 2 x GL14
Pack Qty	1

# Reflux Divider Kits



RR139190	Reflux Divider Kit	
Includes		
RR139150	Reflux Divider Head B29 + GL18 + PTFE Fitting	1
RR139332	Adapter Rodaviss B24 to GL25	1
RR139350	GL25 HT Compression Fitting for 12mm OD Tubing	1
RR139354	PTFE Tubing 10mm ID x 12mm OD - 1m length	1
RR20518	Boss Head - 15-25mm, 8-12mm	3
RR139374	Universal Clamp Cork Jaws - 10mm rod, 0-80mm	2
RR139376	Lower Support Ring - 10mm rod, 76mm ID	1
RR139009	Condenser Jacket Coil Rodaviss B29 + GL14 + fittings	1
RR139011	Right Angle Adapter B29 + GL14 + PTFE fittings	1

RR139192	Reflux Divider with Vapour Temp Kit	
Includes		
RR139152	Reflux Divider Head B29 GL18 & Temp Probe Port B14	1
RR139332	Adapter Rodaviss B24 to GL25	1
RR139350	GL25 HT Compression Fitting for 12mm OD Tubing	1
RR139354	PTFE Tubing 10mm ID x 12mm OD - 1m length	1
RR20518	Boss Head - 15-25mm, 8-12mm	3
RR139374	Universal Clamp Cork Jaws - 10mm rod, 0-80mm	2
RR139376	Lower Support Ring - 10mm rod, 76mm ID	1
RR139009	Condenser Jacket Coil Rodaviss B29 + GL14 + fittings	1
RR139011	Right Angle Adapter B29 + GL14 + PTFE fittings	1
RR139133	Pt100 PTFE Temp. Probe (Reflux Divider Head) + 2m Cable + Lemo Plug	1
RR139135	PTFE Temperature Probe Adapter (B14 for Reflux Divider Head)	1

# Receiver Flasks



RR139154	250ml Receiver Flask 2 x B24 Socket, + B24 Cone & Tap
Material	Borosilicate Glass, NBR, PTFE
Connections	B24/29 to 2 x B24/29
Pack Qty	1



RR139324	500ml Receiver Flask 3 x B24 Socket, + B24 Cone & Tap
Material	Borosilicate Glass, NBR, PTFE
Connections	B24/29 to 3 x B24/29
Pack Qty	1



RR139326	1000ml Receiver Flask 3 x B24 Socket, + B24 Cone & Tap
Material	Borosilicate Glass, NBR, PTFE
Connections	B24/29 to 3 x B24/29
Pack Qty	1

# Other Accessories



RR139063	PTFE Hose Adapter B19 for NW12 Tubing
Material	PTFE
Connections	B19/26, NW12
Pack Qty	1



RR139097	Vertical Run-Off Adapter B19 to Plain
Material	Borosilicate Glass
Connections	B19/26
Pack Qty	1



RR139098	Run-Off Secondary Valve B19 to Stopcock
Material	Borosilicate Glass
Connections	B19/26
Pack Qty	1



RR139079	PTFE Flexible Bellows B24
Material	PTFE
Connections	B24/29
Pack Qty	1



RR139081	PTFE Flexible Bellows B29
Material	PTFE
Connections	B29/32
Pack Qty	1



RR139083	PTFE Flexible Bellows B34
Material	PTFE
Connections	B34/35
Pack Qty	1

# Other Accessories



<b>RR139350</b>	<b>GL25 HT Compression Fitting for 12mm OD Tubing</b>
Material	ETFE, PTFE
Connections	GL25 to 12mm fitting
Pack Qty	1



<b>RR139354</b>	<b>PTFE Tubing 10mm ID x 12mm OD - 1m length</b>
Material	PTFE
Pack Qty	1



<b>RR20518</b>	<b>Boss Head - 15-25mm, 8-12mm</b>
Material	Aluminium
Pack Qty	1



<b>RR139374</b>	<b>Universal Clamp Cork Jaws - 10mm rod, 0-80mm</b>
Material	Zinc, Cork
Pack Qty	1



<b>RR139376</b>	<b>Lower Support Ring - 10mm rod, 76mm ID</b>
Material	Fluoropolymer tubing, Stainless Steel
Pack Qty	1



<b>RR139069</b>	<b>3-Prong Clamp</b>
Material	Stainless Steel, Rubber
Pack Qty	1



<b>RR139133</b>	<b>Pt100 PTFE Temp. Probe (Reflux Divider Head) + 2m Cable + Lemo Plug</b>
Material	PTFE
Pack Qty	1



<b>RR139135</b>	<b>PTFE Temperature Probe Adapter (B14 for Reflux Divider Head)</b>
Material	PTFE, PEEK, Viton, PP
Connections	B14/19
Pack Qty	1



<b>RR139067</b>	<b>Boss Head, stand 25-36mm, extension arm 5-21mm</b>
Material	Aluminium
Pack Qty	1



<b>RR121075</b>	<b>Reactor-Ready Side Arm Blanking Caps</b>
Material	Acetal
Pack Qty	2

# Fixed Additions Tube Kits



RR149000	Reactor-Ready Fixed Additions Tube Kit 300mm
Material	PTFE, Viton
Connections	B29/32
Includes	RR149010 Reactor-Ready Fixed Additions Tube 300mm RR149020 Swivel Adapter 12mm to B29 Cone RR180514/1 B29/32 Rodaviss Connecting Cap RR180526/1 B29/32 Viton O-Ring
Pack Qty	1



RR149002	Reactor-Ready Fixed Additions Tube Kit 500mm
Material	PTFE, Viton
Connections	B29/32
Includes	RR149012 Reactor-Ready Fixed Additions Tube 500mm RR149020 Swivel Adapter 12mm to B29 Cone RR180514/1 B29/32 Rodaviss Connecting Cap RR180526/1 B29/32 Viton O-Ring
Pack Qty	1

# Maintenance Accessories



RR121150	Reactor-Ready Maintenance Kit	
Includes		
RR121027	Oil Wipe for Support Rods	1
RR121063	Stirrer Guide Bearing Seal B24 10mm	1
RR121064	Stirrer Guide Ferrule & Shaft Seal B24 10mm	1
RR121071	23mm Viton O-Rings for Quick Release Hose Coupling	1
RR121072	28mm Viton O-Rings for Quick Release Hose Coupling - NW12	1
RR121090	FEP Encapsulated Silicone Vessel O-ring - DN100	1
RR166100	Replacement 15mm Piston Top O-Ring	1
RR166102	Replacement 15mm Piston Middle O-Ring	1



RR166055	Piston 15mm for Vacuum Jacketed Vessel	
Material	PTFE, Glass-filled PTFE, FEP Encapsulated Silicone	
Pack Qty	1	



RR161100	Piston 15mm for Single Jacketed Vessel	
Material	PTFE, Glass-filled PTFE, FEP Encapsulated Silicone	
Pack Qty	1	



RR166070	Piston 25mm for Single & Vacuum Jacketed Vessel	
Material	PTFE, Glass-filled PTFE, FEP Encapsulated Silicone	
Pack Qty	1	

# Maintenance Accessories



RR166100	Replacement 15mm Piston Top O-Ring
Material	FEP Encapsulated Silicone
Pack Qty	1



RR166102	Replacement 15mm Piston Middle O-Ring
Material	FEP Encapsulated Silicone
Pack Qty	1



RR166104	Replacement 25mm Piston Top O-Ring
Material	FEP Encapsulated Silicone
Pack Qty	2



RR166106	Replacement 25mm Piston Middle O-Ring
Material	FEP Encapsulated Silicone
Pack Qty	1



RR210074	Replacement 25mm Piston Top O-Ring Chemraz 0°C-230°C
Material	Chemraz
Pack Qty	2

























# Installation & Training

RR69100	UK Installation and Training - per day (inclusive of travel etc)
Note	Any installation and training charges will be invoiced at the same time as the goods are invoiced and the same payment terms will apply. Installation and training dates are dependent on customer circumstances and not in Radleys control.
RR69102	European Installation and Training - per day (inclusive of travel etc)
Note	Any installation and training charges will be invoiced at the same time as the goods are invoiced and the same payment terms will apply. Installation and training dates are dependent on customer circumstances and not in Radleys control.
RR20840	Reactor-Ready IQ-OQ Documentation
	Installation Qualification & Operational Qualification

RR69101	UK Installation and Training - per half day (inclusive of travel etc)
Note	Any installation and training charges will be invoiced at the same time as the goods are invoiced and the same payment terms will apply. Installation and training dates are dependent on customer circumstances and not in Radleys control.
RR69104	ROW Installation and Training - per day (inclusive of travel etc)
Note	Any installation and training charges will be invoiced at the same time as the goods are invoiced and the same payment terms will apply. Installation and training dates are dependent on customer circumstances and not in Radleys control.

























# Component Compatibility Guide

Vessel	Temp. Probe and Adapter	Compatible Stirrer Shafts		
--------	-------------------------	---------------------------	--	--

























 100ml Single Jacketed Process Vessel RR130102	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 100ml vessels RR150102	 Retreat Curve PTFE Stirrer Shaft - 100ml vessels RR150107	 Turbine PTFE Stirrer Shaft - 100ml vessels RR150112
	 PTFE Temperature Probe Adapter - 8mm RR140010			
 100ml Vacuum Jacketed Process Vessel RR130152	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 100ml vessels RR150102	 Retreat Curve PTFE Stirrer Shaft - 100ml vessels RR150107	 Turbine PTFE Stirrer Shaft - 100ml vessels RR150112
	 PTFE Temperature Probe Adapter - 8mm RR140010			
 250ml Single Jacketed Process Vessel RR130252	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 250ml vessels RR150252	 Retreat Curve PTFE Stirrer Shaft - 250ml vessels RR150257	 Turbine PTFE Stirrer Shaft - 250ml vessels RR150262
	 PTFE Temperature Probe Adapter - 8mm RR140010			
 250ml Vacuum Jacketed Process Vessel RR130257	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 250ml vessels RR150252	 Retreat Curve PTFE Stirrer Shaft - 250ml vessels RR150257	 Turbine PTFE Stirrer Shaft - 250ml vessels RR150262
	 PTFE Temperature Probe Adapter - 8mm RR140010			

# Component Compatibility Guide













Vessel	Temp. Probe and Adapter	Compatible Stirrer Shafts		
--------	-------------------------	---------------------------	--	--

 500ml Single Jacketed Process Vessel RR130502	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 500ml vessels RR150502	 Retreat Curve PTFE Stirrer Shaft - 500ml vessels RR150507	 Turbine PTFE Stirrer Shaft - 500ml vessels RR150512
	 PTFE Temperature Probe Adapter - 8mm RR140010			
 500ml Vacuum Jacketed Process Vessel RR130552	 Pt100 PTFE Temp. Probe 8mm + Lemo Plug RR140250	 Anchor PTFE Stirrer Shaft - 500ml vessels RR150502	 Retreat Curve PTFE Stirrer Shaft - 500ml vessels RR150507	 Turbine PTFE Stirrer Shaft - 500ml vessels RR150512
	 PTFE Temperature Probe Adapter - 8mm RR140010			
 1000ml Single Jacketed Process Vessel RR131002	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 1000ml vessels RR151002	 Retreat Curve PTFE Stirrer Shaft - 1000ml vessels RR151007	 Turbine PTFE Stirrer Shaft - 1000ml vessels RR151012
	 PTFE Temperature Probe Adapter - 9mm RR140015			
 1000ml Vacuum Jacketed Process Vessel RR131052	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 1000ml vessels RR151002	 Retreat Curve PTFE Stirrer Shaft - 1000ml vessels RR151007	 Turbine PTFE Stirrer Shaft - 1000ml vessels RR151012
	 PTFE Temperature Probe Adapter - 9mm RR140015			

# Component Compatibility Guide

Vessel	Temp. Probe and Adapter	Compatible Stirrer Shafts		
 2000ml Single Jacketed Process Vessel RR132002	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 2000ml vessels RR152002	 Retreat Curve PTFE Stirrer Shaft - 2000ml vessels RR152007	 Turbine PTFE Stirrer Shaft - 2000ml vessels RR152012
	 PTFE Temperature Probe Adapter - 9mm RR140015			
 2000ml Vacuum Jacketed Process Vessel RR132052	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 2000ml vessels RR152002	 Retreat Curve PTFE Stirrer Shaft - 2000ml vessels RR152007	 Turbine PTFE Stirrer Shaft - 2000ml vessels RR152012
	 PTFE Temperature Probe Adapter - 9mm RR140015			
 3000ml Single Jacketed Process Vessel RR133002	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 3000ml vessels RR153002	 Retreat Curve PTFE Stirrer Shaft - 3000ml vessels RR153007	 Turbine PTFE Stirrer Shaft - 3000ml vessels RR153012
	 PTFE Temperature Probe Adapter - 9mm RR140015			
 3000ml Vacuum Jacketed Process Vessel RR133052	 Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR141000	 Anchor PTFE Stirrer Shaft - 3000ml vessels RR153002	 Retreat Curve PTFE Stirrer Shaft - 3000ml vessels RR153007	 Turbine PTFE Stirrer Shaft - 3000ml vessels RR153012
	 PTFE Temperature Probe Adapter - 9mm RR140015			

# Component Compatibility Guide

Vessel	Temp. Probe and Adapter	Compatible Stirrer Shafts		
 <p>5000ml Single Jacketed Process Vessel RR135002</p>	 <p>Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR145000</p>	 <p>Anchor PTFE Stirrer Shaft - 5000ml vessels RR155002</p>	 <p>Retreat Curve PTFE Stirrer Shaft - 5000ml vessels RR155007</p>	 <p>Turbine PTFE Stirrer Shaft - 5000ml vessels RR155012</p>
	 <p>PTFE Temperature Probe Adapter - 9mm RR140015</p>			
 <p>5000ml Vacuum Jacketed Process Vessel RR135052</p>	 <p>Pt100 PTFE Temp. Probe 9mm + Lemo Plug RR145000</p>	 <p>Anchor PTFE Stirrer Shaft - 5000ml vessels RR155002</p>	 <p>Retreat Curve PTFE Stirrer Shaft - 5000ml vessels RR155007</p>	 <p>Turbine PTFE Stirrer Shaft - 5000ml vessels RR155012</p>
	 <p>PTFE Temperature Probe Adapter - 9mm RR140015</p>			

[www.radleys.com](http://www.radleys.com)

© Radleys (R.B.Radley & Co Ltd), 2025 - (E&OE)



Shire Hill, Saffron Walden,  
Essex, CB11 3AZ. United Kingdom.  
t: +44 1799 513320  
e: [sales@radleys.com](mailto:sales@radleys.com)