



Lab Reactor



Process Division

The utmost reaction system!

Steroglass Lab Reactor

An innovative reaction system designed with the same materials used in chemical processes and suitable for laboratory purposes. Ideal for both scale-down and scale-up processes, it ensures a fast investment return to your research projects.

Standard features and performances

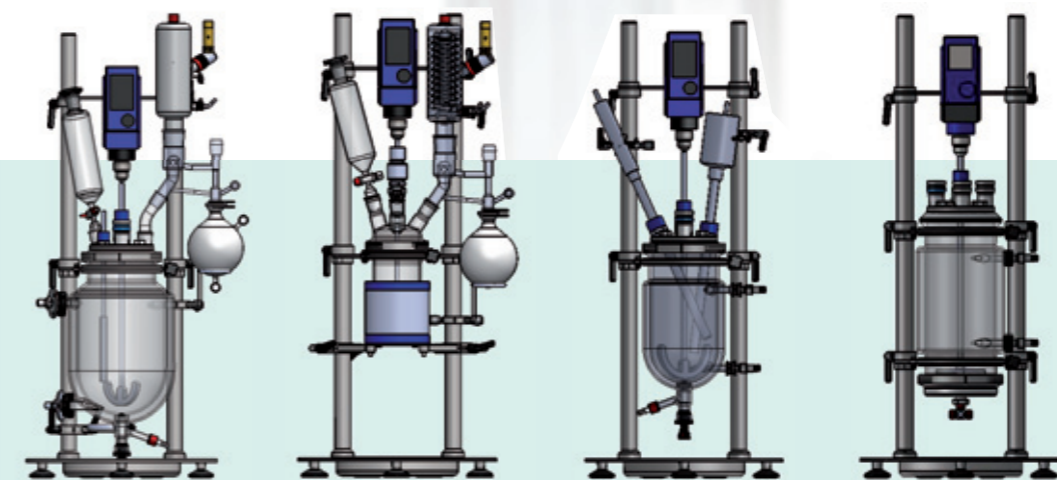
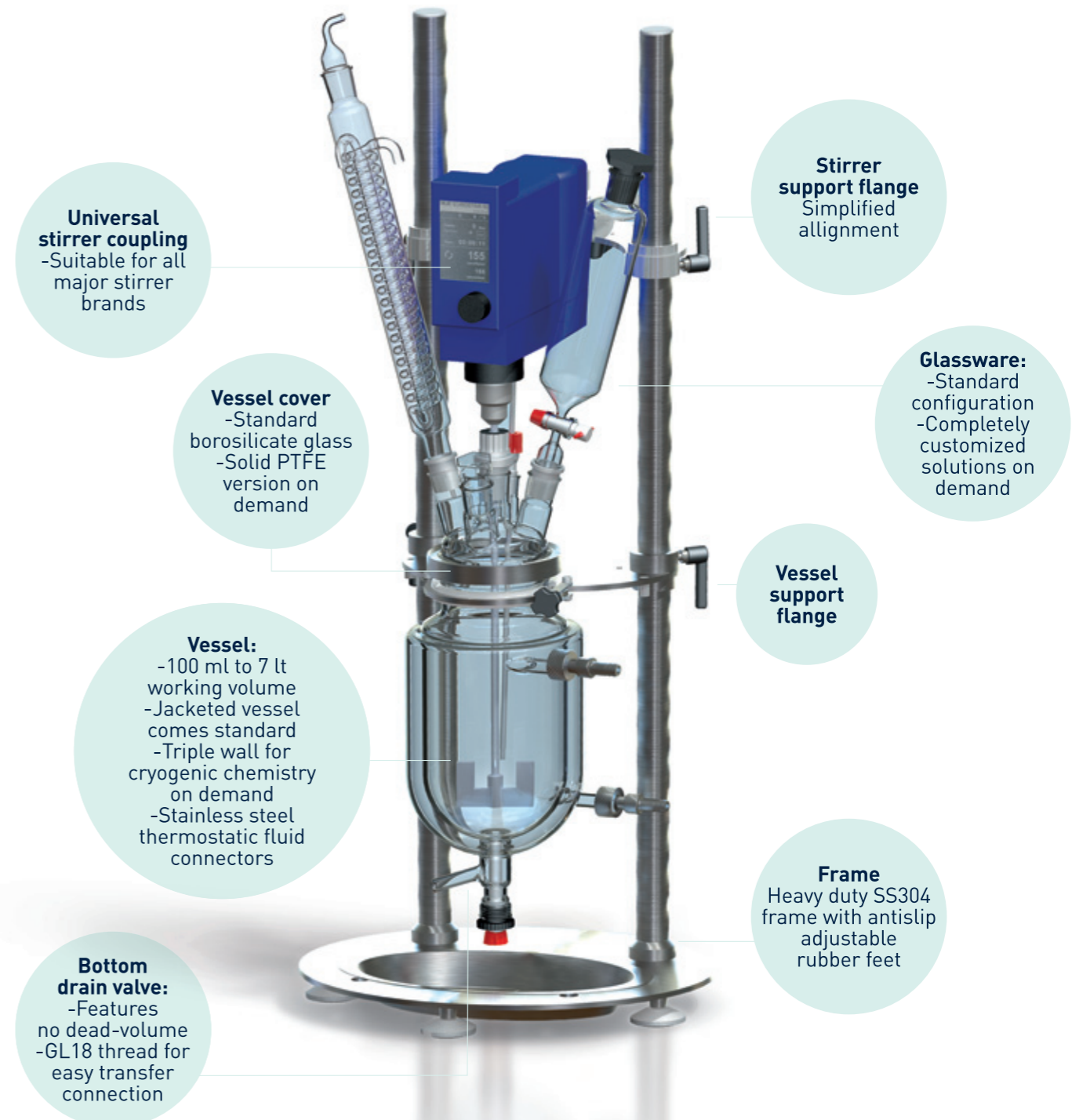
- 300ml...7 lt interchangeable reaction vessels
- Working temperature: -90°C...230°C (only with triple wall version)
- Working volume: 150ml...7lt
- Adjustable 304 stainless steel frame
- Fits under most common fume hoods
- Small footprint: ~ 45x45x100h cm

Application fields

Crystallization studies	Synthesis with filtration	Vacuum distillations
Photochemistry	Nanoparticle synthesis	Emulsions
Hydrolysis	Chemical synthesis	Esterification
Precipitation	Biogas from biomass	Vacuum evaporation
Mixer Reactor	Bioreactions	
Constant pH reactions	Carboxylation	
Catalytic reactions	Dissolutions / formulations	
Enzymatic reactions	Fractionated distillation	
Reactions under reflux	Distillation	
Solvent recovery	Dean Stark distillations	

Process ready versions:

1. Vacuum distillation with reflux head
2. Enzymatic digestion reactor with automatic pH adjustment
3. Lab reactor with bottom filter for crystallization studies
4. Mixer Reactor for formulation studies



1. Lab Reactor for distillation

2. Lab Reactor for distillation with electrical heating

3. Lab Reactor for crystallization studies

4. Filter reaction

Jacketed filter reactors can be used for single or multi-step reactions and filtration in the same vessel, production and scale peptide synthesis



Other reaction solutions



Strike 300
Rotary
Evaporator



Strike 100
Large Scale
Rotary Evaporator



Glass Pilot Reactor



Process Division

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

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