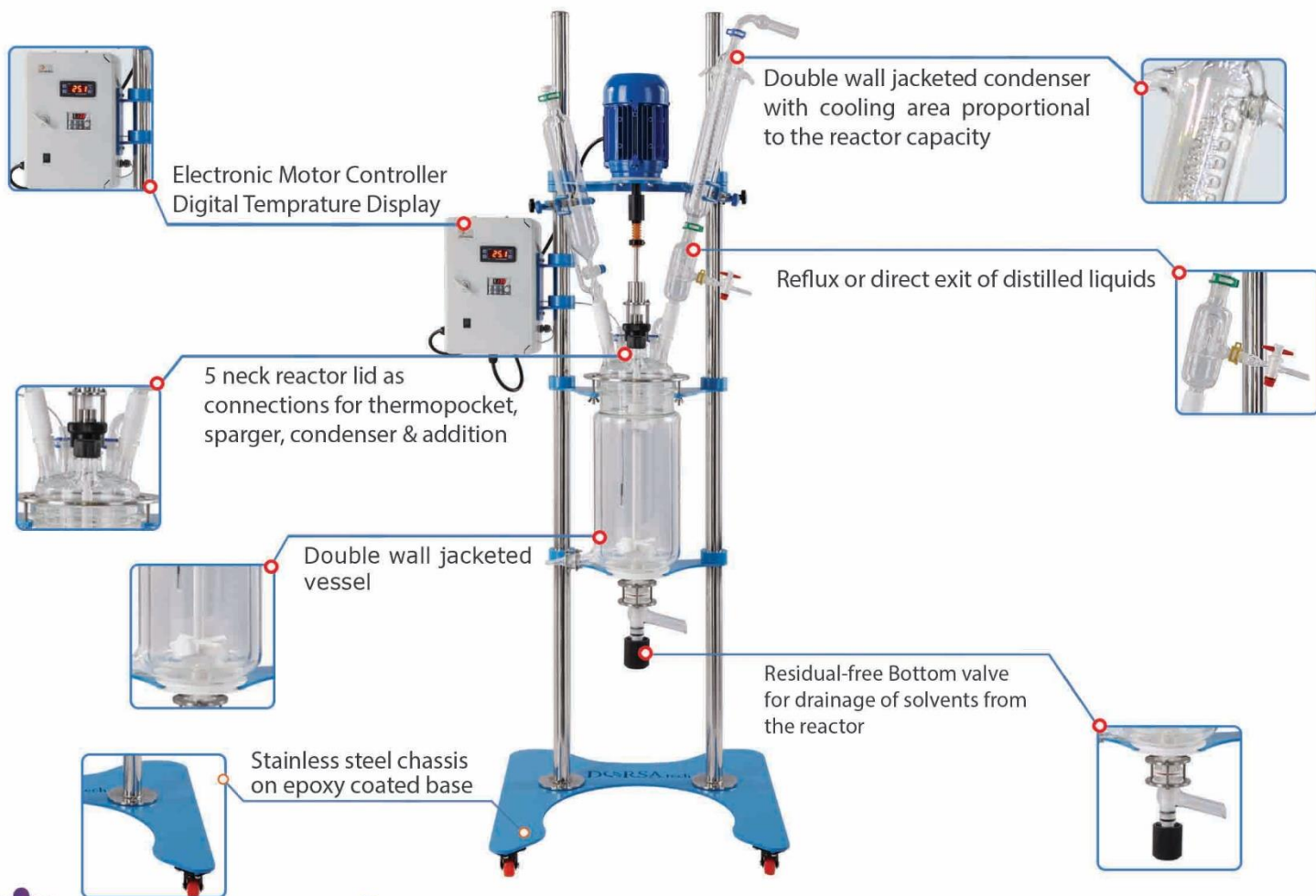








JACKETED GLASS REACTOR

- Jacketed glass reactors are designed for synthetic reactions of different types of materials under a controlled temperature
- Applications: small scale production, scale-up processes in chemical and pharmaceutical development labs, crystallisation processes & HVLV manufacturing



FEATURES

- Jacketed cylindrical reactor, made of borosilicate 3.3
- Distillation and condensation area proportional to the reactor capacity
- Wide range of accessory glassware including condensers, dropping funnels etc.
- Stirrer guides, shafts, propellers, connectors, fittings and adapters (standard and custom)

Technical data overview	
Vessel Capacity (lit)	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">0.5 lit </div> <div style="text-align: center;">1 lit </div> <div style="text-align: center;">2 lit </div> <div style="text-align: center;">4 lit </div> <div style="text-align: center;">5 lit </div> <div style="text-align: center;">6 lit </div> </div>
Vessel type	Double Wall
Operating pressure	Atmospheric
Operating Temp	-20°C to 220 °C
(ΔT) Heat shock	80°C
Dimensions (W×H×D)	40×50×100 cm (0.5- 1lit) 50×70×180 cm (2- 6 lit)
Weight	Approx. 20 kg
Overhead stirrer	
Power consumption	max.250 W
Connection voltage	200–230 V ± 10 %
Frequency	50/60 Hz
Speed Range (rpm)	50-450
Maximum Torque (Ncm)	300
Max. Viscosity (mPas)	10000
Controller	VFD Control
Display	Digital LCD Display RPM
Accessories (Optional)	
Hot Water/Oil Circulator, Chiller, Heating /Cooling System ,Vacuum Pump, pH Probe With Transmitter, Temperature Probe With Transmitter Pressure Gauge	