



500 ml Pressure Vessel

Model	P2113	P2123	P2115	P2125
Design pressure	100 bar	200 bar	100 bar	200 bar
Design temperature	300°C		500°C	
Material of Construction	SS316, SS316L, Hastelloy B/C, Inconel, Monel, Nickel, Titanium, Zirconium			
Vessel ID	75 mm			
Vessel internal height	118 mm			
Head mounting style	Removable head and vessel design			
External fittings	<ul style="list-style-type: none"> Pressure gauge with vacuum protection Safety rupture disc (Inconel) with vacuum protection Gas inlet & liquid sampling valve mounted on common dip tube Vent needle valve Note: All needle valves shall be ¼" NPT end connections			
Internal fittings	<ul style="list-style-type: none"> Helical Cooling coil Thermowell (with RTD PT100 temperature sensor) Dip tube 			
Gasket	PTFE Gasket		Grafoil Gasket	
Closure Type	Split clamp with clamp bolts			
Mounting	SS Tabletop			

Optional Attachment²

Heating ¹	External electrical ceramic band heater with RTD PT100 temperature sensor, cladding & insulation.
Auto-Cooling	Solenoid Valve at the inlet of internal cooling coil
Control Panel	SS Control panel with programmable P.I.D temperature controller with high temperature alarm
Mounting	SS Trolley instead of SS tabletop

Note:

1 - Cascade temperature controller shall be provided for 500°C.

2 -Optional attachments can be provided on request.