



100 ml Pressure Vessel

Model	P1313	P1323	P1315	P1325
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	40 mm			
Vessel internal height	83 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"> Single tube in tube out type coil Thermowell Dip tube 			
Gasket	PTFE Gasket		Spiral wound 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

Note:

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

2 - Optional attachments can be provided on request.