



1 Itr Pressure Vessel

Model	P2313	P2315
Design pressure	100 bar	100 bar
Design temperature	300°C	500°C
Material of Construction	SS316, SS316L, Hastelloy B/C, Inconel, Monel, Nickel, Titanium, Zirconium	
Vessel ID	101.6 mm	
Vessel internal height	163 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 • 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, <ul style="list-style-type: none"> • 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.