



250 ml Pressure Vessel

Model	P1413	P1423	P1433	P1415	P1425	P1435
Design pressure	100 bar	200 bar	350 bar	100 bar	200 bar	350 bar
Design temperature	300°C			500°C		
Material of Construction	SS316, SS316L, Hastelloy B/C, Inconel, Monel, Nickel, Titanium, Zirconium					
Vessel ID	65 mm		62 mm	65 mm		62 mm
Vessel internal height	80 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"> Serpentine 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 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.