

NON-STIRRED ASSEMBLY



- **Volume:** 25mL to 90L
- **Material:** SS-316, Hastelloy & Inconel
- **Certifications:** PED / ASME U-Stamp, CE / CSA, Ex-proof / ATEX

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TECHNICAL SPECIFICATIONS

Description	Specification
Head Mounting Style	Removable head and vessel design Optional: Fixed head with manual / pneumatic / hydraulic raising & lowering / tilting
Heating Type	With or without electrical ceramic band heater with cladding & insulation Optional: Ex-proof aluminium cast heater / SS 304 Jacket
Standard Nozzles, Valves & Fittings	External Valves & Fittings: Safety rupture disc, gas inlet and liquid sampling needle valve on common dip tube, vent needle valve, ball valve for powder/ liquid inlet with funnel, flush bottom valve Internal Fittings: Internal cooling coil, dip tube, thermowell with RTD PT100 temperature sensor, baffles
Gasket	PTFE / grafoil gasket
Closure Type	Split clamp with clamp bolts
Lifting Arrangement	Mechanical chainpulley arrangement for lifting the head, vessel etc.
Control Panel	Control panel for ease to use and operate
Mounting	SS table top (up to 1L) / SS trolley (for 2L-90L)



25mL Assembly



100mL Assembly



250mL Assembly



1L Assembly

ACCESSORIES

- Gas pressure regulator
- Digital pressure indicator / controller
- Mass flow controllers
- Thermostats
- Metering pumps
- Catch pot
- Pressure charging pot
- Back pressure regulator
- Gas booster
- Pressure relief valves
- Control valves
- Level transmitters

APPLICATIONS

- For gas / liquid separation & collection
- For soaking of diamonds / precious stones
- For HPHT corrosion testing studies

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