
Info Sheet

PFR-High Pressure Liquid Gas Reactions

Max Pressure	Temperature Range	Working Volume
1500 psi	-40 to 150C	40 – 400 ml

Features:

- Designed for high pressure reactions with both liquid and gas reagents
- Controls gas flow rates and reactor pressure independently (no gas mass flow controller required)
- The cart can handle small amount of solids precipitates at the reactor outlet
- Easily scales up by swapping out the expansion chambers at reactor outlet
- Can be used with coiled tube reactors, pipes-in-series reactors (preferred over coiled tube reactors for gas/liquid reactions with homogeneous catalysis), and packed catalyst bed reactors