



#5512

Stainless steel batch reactors for liquid-gas and liquid-liquid reactions (1 L and 0.6 L, up to 300 °C and 30 bar) (PARR)

DESCRIPTION

PARR stainless steel stirred batch reactors with capacities of 0.6 L and 1 L, designed for bench-scale chemical reactions in liquid-liquid and liquid-gas systems. They operate over a wide range of temperatures and pressures and feature temperature monitoring with a Type J thermocouple and six compression fitting ports for the connection of accessories and instrumentation.

MAIN FEATURES

- Maximum temperature: 300 °C
- Maximum pressure: 65 bar
- With FFKM O-ring
- Internal diameter: 6.35 cm (0.6 L) / 10 cm (1 L)
- Internal depth: 20 cm
- Temperature measurement: Type J thermocouple
- 1/8" NPT connections

MAIN APPLICATIONS

- Bench-scale chemical reaction testing in liquid-liquid and liquid-gas systems.
- Studies on the effect of process variables, such as temperature, pressure, and reaction mixture composition.
- Evaluation of the behavior of reactive systems under different operating conditions.

ASSOCIATED CAPABILITY AND SERVICE

2501 - 3501

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