



#5111

High pressure reactor with stirrer shaft (1000 mL) (Parr Instrument Company, Model 4565-Control Model 4831)

DESCRIPTION

High pressure batch reactor of greater capacity, with motor-driven mechanical stirring that ensures effective mixing in viscous systems or systems with a high solids loading. It allows the tests carried out in the 100 mL reactor to be scaled up.

MAIN FEATURES

- Vessel volume: 1 L
- Material: AISI 316 stainless steel, with split-ring closure
- Stirring: mechanical turbine, with variable speed motor

MAIN APPLICATIONS

- Pressurized reactions with a larger charge volume and higher output
- Scale-up of conditions optimized in the 100 mL reactor
- Three-phase gas-liquid-solid reactions requiring intensive mechanical stirring

ASSOCIATED TECHNOLOGY

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