

## High-pressure reactor

### Description/Parameters

- PTFE liner with volumes of 75, 100, and 150 mL
- Digital measurement of pressure and temperature
- Reactor equipped with two needle valves (Swagelok): filling valve and a valve for liquid sampling from the bottom of the reactor, plus a discharge valve with a pressure relief system connected to a steel line for exhaust venting
- Temperature up to 250 °C
- Pressure up to 200 bar
- Stirring speed control

### Utilization/Services

Catalytic hydrogenation of CO<sub>2</sub>, hydrogenation of pyrolysis oils, catalyst synthesis.



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