

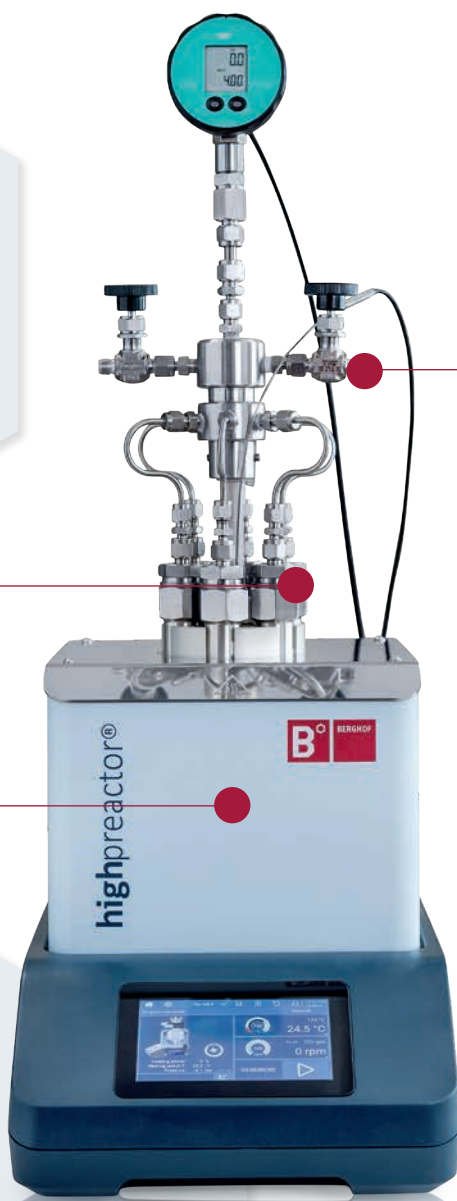
BT-25 and BRHS

The ideal solution for screening experiments or parallel syntheses under high pressure.

With the new BT-25 mini high-pressure reactors from Berghof, you can operate up to 6 reactors at 300°C and 200 bar under the same reaction conditions simultaneously in the BRHS All-in-One control unit. The system is particularly suitable for screening tests or parallel syntheses where it is important that all vessels are exposed to the same reaction parameters.

BT-25 up to 200bar & 300°C:

- High pressure reactors
- 25ml
- SS316TI
- with or without PTFE insert



Central connection unit:

- digital pressure sensor
- rupture disc
- gas supply
- venting

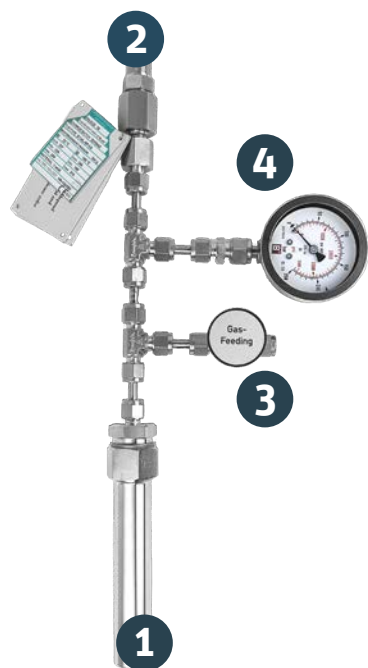
BRHS- All-in One heating system:

- control of reactor temperature and stirring
- pressure monitoring of the reactor
- data logging of all process parameters

- compact design
- easy operation
- $\Delta T < \pm 2^\circ\text{C}$

BT-25

Material	stainless steel (SS316TI) stainless steel with PTFE insert
Pressure range	0,1 bar up to 200 bar
Temperature range	-40°C up to 300°C -40°C up to 230°C (with PTFE insert)
Safety feature	rupture disc
Pressure and Temperature measurement	0 - 250 bar (accuracy 0.1% FS), PT-100 (accuracy $\pm 0,1$ °C)



- ① pressure vessel
- ② rupture disc
- ③ vent valve (up to 2 possible)
- ④ pressure gauge

BRHS All-in-One High Performance Heating system with integrated air cooling, stirring, and touch control.

Display	5" Touchscreen with swipe function
Interfaces	1 x LEMO (PT100), 1 x 4 ... 20 mA (pressure sensor), Mini-USB (PC)
Heating power	1.200 W max.
Temperature range	0 – 400°C / 32 – 752 °F, $\pm 0,1$ °C
Speed range	0-2000 rpm
Pressure range	-1 – 300 bar
Max. current consumption	1.400 W
Weight	18 kg (without reactor)

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