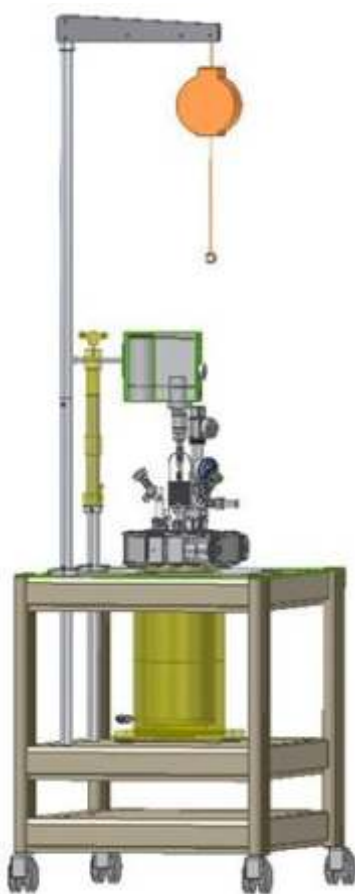


highpreactor

High Pressure Reactor BR-4000

The "Strong One" from BERGHOF:

Exactly right for your kilo-lab.



Stainless Steel SS 316TI:	5,500 ml
Hastelloy C-4:	on request
Stainless Steel SS 316TI with PTFE Insert:	4,700 ml
Max. operating pressure:	150 bar / 2,175 psi
Max. temperature:	230°C FPM and Viton® seal
Stirring:	Magnetic coupling
Heating:	Heating jacket, internal heating/cooling coil

Brief Description

The high pressure reactor is available in Stainless Steel SS 316TI, Hastelloy C-4 or Stainless Steel SS 316TI with a PTFE lining closed on all sides.

The reactor is locked with a quick-lock chain that is manually applied.

The reactor is sealed by means of a conical flange lock and an O-ring made of Viton® or FPM sheathed Viton®.

The matching fittings sets are available in Stainless Steel SS 316TI or in Hastelloy C-4 on request.

The lid offers a total of eight connections which can be employed as follows:

- 1 x temperature probe submersion tube;
- 1 x metal rupture disc to safely limit the maximum pressure and exhaust ventilation;
- 1 x pressure indicator;
- 1 x pressure relief valve;
- 2 x Heating/cooling coil;
- 2 x for any other purpose, e.g., a gas sampling valve or liquid sampling.

Temperature regulation is by means of a temperature probe in a submersion tube to measure the internal reactor temperature. Optionally, a second temperature probe can be employed to provide over-temperature protection.

Reactor is mounted on a laboratory cart with crane and stand system for mounting the stirrer drive.