

High pressure reactor RVD-1200H



The standard equipment of the reactor RVD-1200H:

- Reactor vessel – 1 ea.
- Reactor lid – 1 ea.
- Mounting nut – 1 ea.
- PTFE sealing ring – 1 ea.
- Rupture disc with holder – 1 ea.
- Needle valve – 2 ea.
- Pressure measurement gauge (250 bar) – 1 ea.
- Wrench – 1 ea.
- Metal corrosive-resistant insert – 1 ea.
- High strength bolt – 8 ea.

High pressure reactor RVD-1200H has been designed for carrying out chemical reactions and synthesis based on corrosive substances. This reactors offer rated pressures to 200 bar at temperatures to 250 °C. Standard version includes only basic set of fittings. Stirring and heating are carried out using a magnetic stirrer. For uniform heating reactor can be supplied with aluminum thermal jacket.

RVD-250H	Specifications
Volume	1200 ml
Operating pressure	200 bar
Max. temperature	250 °C
Vessel and lid material	Hastelloy C-276
Number of connections	2
Heating	Hotplate
Stirring	Magnetic hotplate stirrer
Cooling	Natural
Dimensions (h × w)	392 x 145 mm
Internal vessel diameter	82 mm
Vessel depth	228 mm
Weight	15,95 kg

Accessories and options:

- Passive heating jacket.
- Magnetic hotplate stirrer.
- Heating and cooling unit (electric).
- Sampling vessel.
- Heating and cooling unit (liquid heat exchanger).
- Mounting stand.