



twister

High pressure reactor

High pressure reactor twister

Vol. ml
60 / 1000

Pres PS bar
200

Our high-pressure twister reactor is suitable for a wide range of applications; from hydrogenation, polymerization or catalyst research in chemical laboratories to small-scale production in pilot plants in the chemical and pharmaceutical industry.



A sophisticated, innovative, and highly flexible batch reactor

twister features spiral spring tubes that provide a flexible connection from the autoclave lid to the pressure station. It has an innovative jaw closure for up to 200 bar and exchangeable reaction vessels in several sizes. Through considered design, the electric heating combines with outer jacket cooling and there is a double jacket design for heat transfer oil.

Specifications

Nominal volume	60, 100, 250, 380, 500, 1000 ml
Working pressure	200 bar
Working temperature	200 °C
Material	1.4435 or WNr. 2.4602
Jaw closure	Quick lock
O-ring	FKM O-ring lying in autoclave vessel
Magnetic stirrer head	Minipower series flexibly coupled to motor
Motor	Three-phase motor 120 Watt resp. 180 Watt or Heidolph drive
Output speed	With ball bearing 0-1'300 rpm, with plain bearing 0-1'200 rpm.
Pressure measurement	Pressure station on chassis with manometer and pressure transducer 0-250 bar
Valve connections	Needle valve for gas supply Needle valve for pressure relief Needle valve with dip tube for sampling and emptying
Bursting disc holder	Equipped with bursting disc 250 bar
Immersion tube	With temperature sensor Pt100 or type K
Stirring element	Gas supply stirrer
Heating	Electric heating or double jacket heating for heat transfer oil
Control	Control unit ordino CS320 is the perfect complement to twister AGI Glassplant (Part of the AGI Group) offers universal reactor control for oil-heated double jacket constructions. It can therefore also be used with twister.

Contact

For more information about our range of customizable high pressure reactor solutions, contact us.

Contact us

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