



Prepolymer Laboratory Reactor

3defacto's innovative prepolymer lab reactor includes all the functions of a large-scale system. The reactor volume is 20 liters. It is used in research and by manufacturers of wheels, rollers, or elastomer dampers for scale-up and formulation development. The system is equipped with vacuum, temperature control, stirrer, sensors, and advanced automation.

The lab reactor is also used by our customers for training purposes in addition to R&D.

Additional options

- Custom design for liquids, pastes, or solids
- Chemically resistant surfaces and easy-to-clean construction
- Connection options for power, compressed air, gas, or vacuum
- Integration of small reactors, stirrers, or dosing systems possible

- Optional with fume hood, safety glazing, or extraction system
- Optional with load cells, data acquisition, and control panel

Technical Data

SPECIFICATIONS	
Reactor size	20 l
Recipe control	By weight via platform scale
Installation area	Approx. 3 m ²
Heating	Electric
Control & display	Designed specifically for recipe development
Agitator	Included as standard
Vacuum system	Included as standard
Delivery	Plug-and-play worldwide
Maintenance	Annually

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