



designed for scientists



LR-2.ST the Versatile

/// Data Sheet

Modularly configured laboratory reactor for the optimization and reproduction of various chemical reactions, mixing and homogenization processes on a lab scale.

The system is particularly characterized by the agitator mounting, which allows for a safe transfer of the higher motor torque.

ULTRA-TURRAX® dispersers, temperature sensors, flow breakers and other accessories can be attached to the open ports of the reactor cover.

- Suitable for vacuum operation



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- Solvent- and temperature-resistant perfluoroelastomer (FFPM) seals come into contact with sample
- Infinitely variable speed
- Torque trend display for measuring changes in viscosity
- Microprocessor-controlled speed regulation, enables steady speed, also under load
- Removable WiCo (wireless controller) for remote and safe use in a fume hood

The LR-2.ST laboratory reactor system consists of:

- Stand system
- EUROSTAR 100 control laboratory stirrer with (counter-) clockwise function
- Safety switch
- Reactor cover

Scope of delivery

- LR-2.ST
- LR-2.SI
- HEAD, REACTOR, LR2.10
- EUROSTAR 100 control



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Technical Data

Useable volume [ml]	500 - 2000
Useable volume with disperser tool min. [ml]	800
Working temperature [°C]	-50 - 230
Attainable vacuum [mbar]	25
Viscosity max. [mPas]	70000
Speed range [rpm]	8 - 290
Telescope stand stroke [mm]	390
Material in contact with medium	borosilicate glass, FFPM, PTFE, steel 1.4571
Reactor vessel openings (units/standard)	3/NS 29/32 2/NS 14/23
Torque max. at stirring shaft [Ncm]	100
Dimensions (W x H x D) [mm]	670 x 1240 x 580
Weight [kg]	34
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.