



designed for scientists



RW 47 digital

/// Data Sheet

Extremely powerful, mechanically controlled laboratory stirrer designed for highly viscous applications for quantities up to 200 l (H₂O). It is suitable for intensive mixing for use in laboratories and pilot plants. The stirrer comes equipped with a protection for overheating of the motor by means of self-locking temperature limiter. Additionally, to secure bowls, a stirring shaft protection and clamping fixture are optionally available.

- Digital speed display
- Infinitely adjustable speed (57 - 1300 rpm) in two speed ranges
- Overload protection



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- Error code display
- Robust, ergonomic design
- Quiet operation
- With constant power-drive



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Technical Data

Stirring quantity max. per stirring position (H ₂ O) [l]	200
Motor rating input [W]	513
Motor rating output [W]	370
Motor principle	three-phase current
Speed display	LED
Speed range [rpm]	57 - 1300
Viscosity max. [mPas]	100000
Output max. at stirring shaft [W]	300
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	3000
Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	4642
Torque max. at stirring shaft at 100 1/min [Ncm]	3000
Torque max. at stirring shaft at 1.000 1/min [Ncm]	285
Torque I max. [Ncm]	3000
Torque II max. [Ncm]	620
Speed range I (50 Hz) [rpm]	57 - 275
Speed range II (50 Hz) [rpm]	275 - 1300
Speed control	stepless
Setting accuracy speed [±rpm]	1
Deviation of speed measurement [±rpm]	10
Stirring element fastening	chuck
Chuck range diameter [mm]	3 - 16
Hollow shaft, inner diameter [mm]	13
Fastening on stand	flange
Speed control	mechanical
Nominal torque [Nm]	30
Housing material	alu-cast coating / thermoplastic polymer
Dimensions (W x H x D) [mm]	145 x 465 x 358
Weight [kg]	16
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 54
Voltage [V]	3 x 400 / 3 x 230
Frequency [Hz]	50
Power input [W]	513



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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.

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