



designed for scientists



RW 28 digital

/// Data Sheet

Powerful, mechanically controlled laboratory stirrer designed for highly viscous applications for quantities up to 80 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 from 60 to 1400 rpm in two speed ranges
- Push-through agitator shafts



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



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Technical Data

Stirring quantity max. per stirring position (H2O) [l]	80
Motor rating input [W]	220
Motor rating output [W]	90
Speed display	LED
Speed range [rpm]	60 - 1400
Viscosity max. [mPas]	50000
Output max. at stirring shaft [W]	90
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	900
Torque max. at stirring shaft at 60 1/min (overload) [Ncm]	1144
Torque max. at stirring shaft at 100 1/min [Ncm]	900
Torque max. at stirring shaft at 1.000 1/min [Ncm]	86
Torque I max. [Ncm]	900
Torque II max. [Ncm]	300
Speed range I (50 Hz) [rpm]	60 - 400
Speed range II (50 Hz) [rpm]	240 - 1400
Speed range I (60 Hz) [rpm]	72 - 480
Speed range II (60 Hz) [rpm]	288 - 1680
Speed control	stepless
Setting accuracy speed [±rpm]	1
Deviation of speed measurement [±rpm]	10
Stirring element fastening	chuck
Chuck range diameter [mm]	1 - 10
Hollow shaft, inner diameter [mm]	10.5
Hollow shaft (push-through - when stopped)	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	16
Extension arm length [mm]	145
Speed control	mechanical
Nominal torque [Nm]	9
Housing material	alu-cast coating / thermoplastic polymer
Noise without element [dB(A)]	62.5
Dimensions (W x H x D) [mm]	123 x 364 x 252
Weight [kg]	8.966
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
Voltage [V]	220 - 240 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	220



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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.