FAVS
Scientific Equipment
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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

Scope of delivery
•RW 28 digital
•Chuck key

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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 rpm [Ncm]	900
Torque max. at stirring shaft at 1000 rpm [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 adjustment	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]	7.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	220