Data Sheet
Mixing / Overhead Stirrers

EUROSTAR 200 digital

Extremely powerful laboratory stirrer for highly viscous applications and intensive mixing for quantities up to 100 l (H2O). It automatically adjusts the speed through microprocessor controlled technology within the speed range of 0/6 - 2000 rpm (two speed ranges). Safety circuits installed ensures automatic cut-off in an anti-stall or overload conditions. Continuous comparison of shaft speed to desired speed is maintained and variations are adjusted automatically. This guarantees a constant speed even with changes in viscosities of the sample.

- Digital speed display
- Infinitely adjustable speed
- Push-through agitator shafts
- Overload protection
- Short-term overload operation
- Slim casing
- Quiet operation
- Error code display

Accessories: R 1342 Propeller stirrer, 4-bladed, R 1345 Propeller stirrer, 4-bladed, R 1381 Propeller stirrer, 3-bladed, R 1382 Propeller stirrer, 3-bladed, R 1385 Propeller stirrer, 3-bladed, R 1388 Propeller stirrer, 3-bladed, R 1389 (PTFE-coated) Propeller stirrer, 3-bladed, R 1311 Turbine stirrer, R 1312 Turbine stirrer, R 1313 Turbine stirrer, R 1300 Dissolver stirrer, R 1302 Dissolver stirrer, R 1303 Dissolver stirrer, R 1352 Centrifugal stirrer, R 1355 Centrifugal stirrer, R 1375 Paddle stirrer, R 1376 Paddle stirrer, R 1330 Anchor stirrer, R 1331 Anchor stirrer, R 1333 Anchor stirrer, R 301 Stirring shaft protection, R 270 Boss head clamp, R 271 Boss head clamp, RH 5 Strap clamp, R 2722 H-Stand, R 2723 Telescopic stand

Technical Data	
Stirring quantity max. (H2O) [l]	100
Motor rating input [W]	130
Motor rating output [W]	84
Motor principle	Brushless DC
Speed display	7 segment LED
Speed range [rpm]	0/6 - 2000
Reversible direction of rotation	no
Intermittent operation	no
Viscosity max. [mPas]	100000
Output max. at stirring shaft [W]	84
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	200
torque I max. [Ncm]	200
torque II max. [Ncm]	40
Speed range I (50 Hz) [rpm]	6 - 400
Speed range II (50 Hz) [rpm]	30 - 2000
Speed range I (60 Hz) [rpm]	6 - 400
Speed range II (60 Hz) [rpm]	30 - 2000
Speed control	stepless
Setting accuracy speed [±rpm]	1
deviation of speed measurement n > 300rpm [±rpm]	3
deviation of speed measurement n < 300rpm [±%]	1
Stirring element fastening	chuck
Temperature display	no
Plug-in coupling (Ø) [mm]	10
Chuck range min. diameter [mm]	0.5
Chuck range max. diameter [mm]	10
Hollow shaft, inner diameter [mm]	10.3
Hollow shaft (push-through ¿ when stopped)	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	16
Extension arm length [mm]	220
Torque display	no
Nominal torque [Nm]	2
Timer	no
housing material	alu-cast coating / thermoplastic polymer
clean room qualified	no
explosion proofed	no
Dimensions (W x H x D) [mm]	91 x 274 x 209
Weight [kg]	4.6
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
RS 232 interface	no
USB interface	no
Analog output	no
Voltage [V]	230 / 100 - 115 / 100
Frequency [Hz]	50/60
Power input [W]	130
Ident. No.	**0003990000**

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Subject to technical changes