



designed for scientists



EUROSTAR 100 digital

/// Data Sheet

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 0/30 – 1300 rpm. 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



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



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Technical Data

Stirring quantity max. per stirring position (H ₂ O) [l]	100
Motor rating input [W]	186
Motor rating output [W]	136
Motor principle	Brushless DC
Speed display	7 segment LED
Speed range [rpm]	0/30 - 1300
Viscosity max. [mPas]	70000
Output max. at stirring shaft [W]	136
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	100
Speed control	stepless
Setting accuracy speed [±rpm]	1
Deviation of speed measurement n > 300rpm [±%]	1
Deviation of speed measurement n < 300rpm [±rpm]	3
Stirring element fastening	chuck
Chuck range diameter [mm]	0.5 - 10
Hollow shaft, inner diameter [mm]	11
Hollow shaft (push-through - when stopped)	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	16
Extension arm length [mm]	220
Speed control	electronic
Nominal torque [Nm]	1
Housing material	alu-cast coating / thermoplastic polymer
Dimensions (W x H x D) [mm]	86 x 248 x 208
Weight [kg]	4.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	186



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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.