



designed for scientists



EUROSTAR 200 digital

/// Data Sheet

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



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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] | 130 |
| Motor rating output [W] | 84 |
| Motor principle | Brushless DC |
| Speed display | 7 segment LED |
| Speed range [rpm] | 0/6 - 2000 |
| 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 [±%] | 1 |
| Deviation of speed measurement n < 300rpm [±rpm] | 3 |
| Stirring element fastening | chuck |
| Plug-in coupling (Ø) [mm] | 10 |
| Chuck range diameter [mm] | 0.5 - 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 |
| Speed control | electronic |
| Nominal torque [Nm] | 2 |
| Housing material | alu-cast coating / thermoplastic polymer |
| 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 42 |
| Voltage [V] | 230 / 100 - 115 / 100 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 130 |



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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.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

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