

Data Sheet

Mixing / Overhead Stirrers



EUROSTAR power control-visc P1

Powerful, digital laboratory stirrer for tasks up to the high viscosity range.

- Max. torque at chuck 100 Ncm
- Constant speed by microprocessor control
- Infinitely adjustable without gear shifting
- Slim casing
- Quiet operation
- Safety circuit
- Non-locking, overload capabilities
- Push-through agitator shafts
- Enhanced safety as a result of smooth start
- Digital display presents rated- and actual- speed
- Integrated torque trend display for viscosity control
- Analog interface for recording speed and torque
- RS 232 interface
- Software labworldsoft® is available to control and document all measuring values via PC

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

Technical Data

| | |
|--|----------------|
| Stirring quantity max. (H ₂ O) [l] | 60 |
| Motor rating input [W] | 153 |
| Motor rating output [W] | 134 |
| Speed display | LCD |
| Speed range [rpm] | 50 - 1200 |
| Viscosity max. [mPas] | 70000 |
| Output max. at stirring shaft [W] | 126 |
| Permissible ON time [%] | 100 |
| Torque max. at stirring shaft [Ncm] | 100 |
| Torque max. at stirring shaft at 60 1/min (overload) [Ncm] | 100 |
| Torque max. at stirring shaft at 100 1/min [Ncm] | 100 |
| Torque max. at stirring shaft at 1.000 1/min [Ncm] | 100 |
| Speed control | stepless |
| Stirring element fastening | chuck |
| Chuck range min. diameter [mm] | 0.5 |
| Chuck range max. diameter [mm] | 10 |
| Hollow shaft, inner diameter [mm] | 11 |
| Hollow shaft (push-through ζ when stopped) | yes |
| Fastening on stand | extension arm |
| Extension arm diameter [mm] | 16 |
| Extension arm length [mm] | 200 |
| Torque display | yes |
| Nominal torque [Nm] | 1 |
| Torque measurement | trend |
| Dimensions (W x H x D) [mm] | 80 x 253 x 190 |
| Weight [kg] | 4 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative moisture [%] | 80 |
| Protection class according to DIN EN 60529 | IP 42 |
| RS 232 interface | yes |
| Analog output | yes |
| Voltage [V] | 230 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 153 |
| Ident. No. | 3330000 |

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