

## Data Sheet

Mixing / Overhead Stirrers



### EUROSTAR digital

Laboratory stirrer that can be used up to the medium viscosity range.

- Constant speed by microprocessor control
- Digital display presents set and actual speed
- 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

Accessories: R 182 Boss head clamp, R 1826 Plate stand, R 1342 Propeller stirrer, 4-bladed, R 1330 Anchor stirrer, R 301 Stirring shaft protection, RH 3 Strap clamp, R 1381 Propeller stirrer, 3-bladed, R 1311 Turbine stirrer, FK 1 Flexible coupling, R 1389 (PTFE-coated) Propeller stirrer, 3-bladed, R 1827 Plate stand, R 1300 Dissolver stirrer, R 1312 Turbine stirrer, R 1352 Centrifugal stirrer, R 1382 Propeller stirrer, 3-bladed, R 1303 Dissolver stirrer, R 1825 Plate stand

| Technical Data                                             |                 |
|------------------------------------------------------------|-----------------|
| Stirring quantity max. (H <sub>2</sub> O) [l]              | 20              |
| Motor rating input [W]                                     | 75              |
| Motor rating output [W]                                    | 55              |
| Speed display                                              | LCD             |
| Speed range [rpm]                                          | 50 - 2000       |
| Viscosity max. [mPas]                                      | 10000           |
| Output max. at stirring shaft [W]                          | 53              |
| Permissible ON time [%]                                    | 100             |
| Torque max. at stirring shaft [Ncm]                        | 30              |
| Torque max. at stirring shaft at 60 1/min (overload) [Ncm] | 30              |
| Torque max. at stirring shaft at 100 1/min [Ncm]           | 30              |
| Torque max. at stirring shaft at 1.000 1/min [Ncm]         | 30              |
| 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 & when stopped)                 | yes             |
| Fastening on stand                                         | extension arm   |
| Extension arm diameter [mm]                                | 13              |
| Extension arm length [mm]                                  | 160             |
| Torque display                                             | no              |
| Nominal torque [Nm]                                        | 0.3             |
| Dimensions (W x H x D) [mm]                                | 80 x 222 x 190  |
| Weight [kg]                                                | 2.8             |
| Permissible ambient temperature [°C]                       | 5 - 40          |
| Permissible relative moisture [%]                          | 80              |
| Protection class according to DIN EN 60529                 | IP 42           |
| RS 232 interface                                           | no              |
| Analog output                                              | no              |
| Voltage [V]                                                | 230 / 115 / 100 |
| Frequency [Hz]                                             | 50/60           |
| Power input [W]                                            | 75              |
| Ident. No.                                                 | 2482000         |



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.