



designed for scientists



MICROSTAR 7.5 digital

/// Data Sheet

The space-saving high performers from IKA MICROSTAR and MINISTAR series have been complemented by additional models. The new and easy-to-use stirrers convince with perfect basic functionalities, as well as with a compact design.

Combining high performance with particular excellence, they require minimum space and come with a lifetime guarantee. See for yourself:

Compact design

The reduced design and the focus on the most essential aspects make the new IKA MICROSTAR and MINISTAR



designed for scientists

stirrers reliable laboratory companions.

Constant torque

All models of the IKA MICROSTAR and MINISTAR series guarantee a constant torque over the entire rpm range. The new devices are available in six different versions with rpms of up to 2,000 rpm and a torque of up to 80 Ncm.

Ease of operation

Operation takes place using a stable rotary knob. The display clearly shows the rotational speed.

Rapid updates

Regular software updates can be undertaken rapidly and simply via the USB interface.



designed for scientists

Technical Data

| | |
|---|--|
| Stirring quantity max. per stirring position (H2O) [l] | 5 |
| Motor rating input [W] | 32 |
| Motor rating output [W] | 22 |
| Motor principle | Brushless DC |
| Speed display | LED |
| Speed min. [rpm] | 50 |
| Speed min. [rpm] | 0/50 |
| Speed max. [rpm] | 2000 |
| Viscosity max. [mPas] | 4000 |
| Output max. at stirring shaft [W] | 15.7 |
| Permissible ON time [%] | 100 |
| Torque max. at stirring shaft [Ncm] | 7.5 |
| Speed control | Turning knob |
| Setting accuracy speed [\pm rpm] | 1 |
| Deviation of speed measurement $n > 300$ rpm [\pm %] | 1 |
| Deviation of speed measurement $n < 300$ rpm [\pm rpm] | 3 |
| Stirring element fastening | chuck |
| Chuck range diameter [mm] | 0.5 - 8 |
| Hollow shaft, inner diameter [mm] | 8.5 |
| Hollow shaft (push-through - when stopped) | yes |
| Fastening on stand | extension arm |
| Extension arm diameter [mm] | 13 |
| Extension arm length [mm] | 160 |
| Nominal torque [Nm] | 0.075 |
| Timer display | none |
| Housing material | alu-cast coating / thermoplastic polymer |
| Dimensions (W x H x D) [mm] | 60 x 173 x 126 |
| Weight [kg] | 1.18 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 54 |
| USB interface | yes |
| Voltage [V] | 100 - 240 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 32 |
| Power input standby [W] | 0.3 |
| DC Voltage [V=] | 24 |
| Current consumption [mA] | 1300 |



Wolflabs

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk



Use the above details to contact us if this literature doesn't answer all your questions.

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.

