IKA

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

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.

Scope of delivery
•MICROSTAR 7.5 digital
•R 300 shaft protector
•Fasten screws for R 300 (2 pcs.)
•chuck key

IKA

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 range [rpm]	0/50 - 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 adjustment	Turning knob
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 - 8.2
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	Micro-USB
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