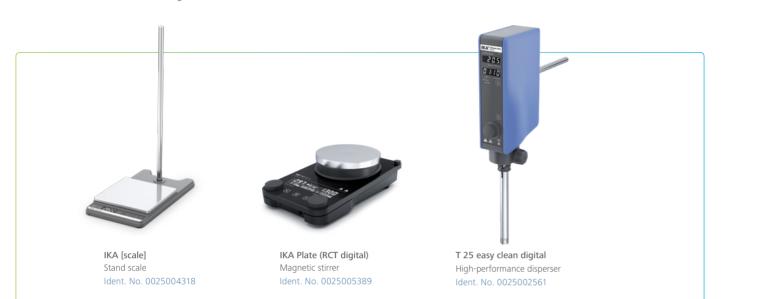
Additional products

If required, the following IKA devices are available for your lab to enhance stirring with the IKA MICRO- and MINISTAR:



Accessories MICRO- and MINISTAR digital



Ident. No. 0003160000



IKA Works, Inc.

high speeds.

Ident. No. 0002746700

2635 Northchase Parkway SE, Wilmington, NC 28405, USA Phone: +1 910 452-7059, Fax: +1 910 452-7693 eMail: sales@ika.net

Ident. No. 0001296000





SPACE-SAVING STIRRING | IKA MICRO- and MINISTAR digital

designed for scientists



MICRO- and MINISTAR digital

/// The new compact stirrers

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.

Lifetime warranty Wellfounded confidence in design and technology make it possible!



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.

MICROSTAR 7.5 digital MICROSTAR 15 digital Ident. No. 0025004715 Ident. No. 0025004883

MICROSTAR 30 digital Ident. No. 0025004884

MINISTAR 20 digital MINISTAR 40 digital Ident. No. 0025006561 Ident. No. 0025006569 Ident. No. 0025006577

MINISTAR 80 digital

Technical data MICRO- and MINISTAR digital

TECHNICAL DATA	MICROSTAR 7.5 DIGITAL	MICROSTAR 15 DIGITAL	MICROSTAR 30 DIGITAL	MINISTAR 20 DIGITAL	MINISTAR 40 DIGITAL	MINISTAR 80 DIGITAL
Stirring quantity max. (H ₂ O)	5 l	10	20	15 l	25 l	50 l
Speed	min.: 0/50 rpm max.: 2,000 rpm	min.: 0/50 rpm max.: 1,000 rpm	min.: 0/50 rpm max.: 500 rpm	min.: 0/50 rpm max.: 2,000 rpm	min.: 0/50 rpm max.: 1,000 rpm	min.: 0/50 rpm max.: 500 rpm
Viscosity max.	4,000 mPas	8,000 mPas	20,000 mPas	10,000 mPas	30,000 mPas	60,000 mPas
Torque max. at stirring shaft	7.5 Ncm	15 Ncm	30 Ncm	20 Ncm	40 Ncm	80 Ncm
Dimensions (W \times H \times D)	60 × 173 × 126 mm			70 × 193 × 147 mm		
Weight	1.18 kg	1.26 kg	1.26 kg	1.56 kg	1.72 kg	1.72 kg

TECHNICAL DATA	MICROSTAR AND MINISTAR DIGITAL			
Speed display	LED			
Permissible ON time	100 %			
Speed control	Rotary knob			
Setting accuracy speed	± 1 rpm			
Deviation of speed measurement n > 300 rpm	±1%			
Deviation of speed measurement n < 300 rpm	± 3 rpm			
Plug-in coupling	5.5 mm (Ø)			
Chuck range diameter	min. 0.5 mm max. 8 mm			
Hollow shaft, inner diameter	8.5 mm			
Hollow shaft (push-through - when stopped)	Yes			
Fastening on stand	Extension arm			
Extension arm length	160 mm			
Housing material	Alu-cast coating/thermoplastic polymer			
Protection class according to DIN EN 60529	IP 54			
Interface	USB			
Permissible ambient temperature	5 – 40 °C			
Permissible relative humidity	80 %			
Voltage	100 – 240 V			

