

IKA

designed for scientists

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SPACE-SAVING STIRRING | IKA MICRO- and MINISTAR digital

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
Ident. No. 0025004715

MICROSTAR 15 digital
Ident. No. 0025004883

MICROSTAR 30 digital
Ident. No. 0025004884

MINISTAR 20 digital
Ident. No. 0025004885

MINISTAR 40 digital
Ident. No. 0025004886

MINISTAR 80 digital
Ident. No. 0025004887

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 l	20 l	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 × H × 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



Additional products

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



IKA [scale]
Stand scale
Ident. No. 0025004318



IKA Plate (RCT digital)
Magnetic stirrer
Ident. No. 0025004601



T 25 easy clean digital
High-performance disperser
Ident. No. 0025002560

Accessories MICRO- and MINISTAR digital



R 1303 Dissolver stirrer
Radial flow, for drawing the material to be mixed from the top and bottom. High turbulence, high shearing forces. Particle reduction. Used at medium to high speeds.
Ident. No. 0002746700



R 1381 Propeller stirrer, 3-bladed
Flow-efficient design. For drawing the material to be mixed from the top and bottom. Minimum shearing forces. Used at medium to high speeds.
Ident. No. 0001296000



R 1825 Plate stand
With slip resistant foil. Diameter of support rod: 16 mm; max. load: 5 kg; Dimensions (W x D): 200 x 316 mm; Height: 560 mm.
Ident. No. 0003160000

Find more
accessories on
www.ika.com

IKA-Werke GmbH & Co. KG

Janke & Kunkel-Straße 10, 79219 Staufen, Germany
Phone: +49 7633 831-0, Fax: +49 7633 831-98
eMail: sales@ika.de



www.ika.com



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