

IKA STIRRERS – AN OVERVIEW

/// From space-savers to high-performance specialists

Amazingly compact and entirely new: IKA MICROSTAR and IKA MINISTAR stirrers require up to 85 % less space than the models of the IKA EUROSTAR line while maintaining the same high performance.



The Lightweight | The Youngster | The Strong One The Fast One | The Universal | The Power Pack



The Beginner The Compact Power The Unique Clockwise and Counter Clockwise Rotation



The All-Rounder The High-Performer The Speedster The Star Performer

IKA

designed for scientists

EN

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Subject to technical changes and alterations in prices.
Prices valid until November 30th, 2017.

IKA

designed for scientists

It's about protecting your precious chemistry.
MICROSTAR control and MINISTAR control.

201706_Ministar_Microstar_EN_INVS_EUR_94000423

STARRING JIN-QUAN YU PHIL BARAN

⁶C CARBON — ¹H HYDROGEN
RUSHING IT!

THE NEW GENERATION OF OVERHEAD STIRRERS

/// Compact, powerful, lifetime warranty

MICROSTAR | MINISTAR – the new stirrers from IKA, recommended by the internationally acclaimed scientists from the Scripps Research Institute: Jin-Quan Yu and Phil S. Baran.

Clear **DISPLAY** for all essential information at a glance

INTUITIVELY simple handling and **TOUCH-SENSITIVE** surface for long service life

External, low-voltage power supply unit for increased **SAFETY** and reduced operating costs without loss of performance

Hardened glass enclosed, fast response display for maximum visibility and **CHEMICAL RESISTANCE**

Integrated timer / counter for the control of kinetic **SENSITIVE REACTIONS** and reminders

Protecting your precious chemistry: **STATE-OF-THE-ART VIBRATION SENSORS** detect deviations from permissible thresholds and automatically stop the process

The first stirrers with a lifetime warranty.



Technical data

/// In detail



TECHNICAL DATA
/// compared

	MICROSTAR 7.5 control 15 control 30 control Ident. No. 0025001984 0025001986 0025001987			MINISTAR 20 control 40 control 80 control Ident. No. 0025001988 0025001989 0025001990		
Speed range under nominal load	0 / 30 – 2.000 rpm	0 / 30 – 1.000 rpm	0 / 30 – 500 rpm	0 / 50 – 2.000 rpm	0 / 30 – 1.000 rpm	0 / 30 – 500 rpm
Speed adjustment	Stepless			Stepless		
Speed display	LCD			LCD		
Max. torque at stirrer shaft	7,5 Ncm	15 Ncm	30 Ncm	20 Ncm	40 Ncm	80 Ncm
Max. stirring quantity (water)	5 l	10 l	20 l	15 l	25 l	50 l
Max. viscosity	4.000 mPa·s	8.000 mPa·s	20.000 mPa·s	10.000 mPa·s	30.000 mPa·s	60.000 mPa·s
Temperature measurement resolution	0,1 K			0,1 K		
Temperature measurement range	-10 °C – +350 °C			-10 °C – +350 °C		
Protection class acc. to EN 60529	IP 54			IP 54		
Clamping chuck-clamping range	0,5 – 8 mm			0,5 – 8 mm		
Extension arm (Ø x L)	13 x 160 mm			13 x 160 mm		
Dimension: W x H x D (without extension arm)	60 x 123 x 110 mm			70 x 144 x 130 mm		
Weight (with extension arm and clamping chuck)	1,18 kg	1,26 kg	1,26 kg	1,56 kg	1,72 kg	1,72 kg