



Product Overview 2011



Welcome to IKA®

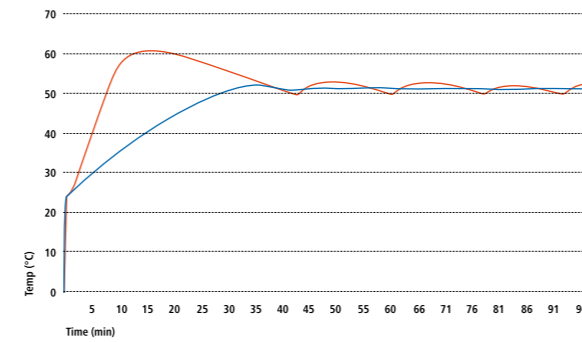


IKA®-Werke GmbH & Co. KG in Staufen, Germany can now look back on a century of history.

The company, which was founded in 1910 as a distributor for pharmacies and hospitals, relocated from bombed-out Cologne to Staufen in 1942. There it quickly became the global market leader for laboratory technology as well as dispersing, stirring, and kneading machines. Today, IKA® employs over 600 people at six different locations on four continents.

IKA® laboratory technology offers a vast spectrum of innovative devices for numerous applications in research and development. For mixing, tempering, distilling or crushing, market leaders in varying fields of application rely on IKA®'s innovative and proven technology.

For more information, please see:
www.ika.com



Heating rate of water (500 ml)

Two temperature control modes possible:
- PI mode for accurate temperature control without overshootings
- Two-point mode for maximum heating rate

Self-monitoring of all safety-relevant components

Guarantees safety in the event of a malfunction.

Adjustable safety circuit, conforms to standards

The flashpoint of the medium will not be overshoot. Prevents accidental changes of the safety temperature.

INTEGRATED SAFETY

IKA® magnetic stirrers adhere to the requirements set forth by the norms
DIN IEC EN 61010-1
DIN IEC EN 61010-2-010
DIN EN IEC 61010-2-051
- tested and certified by UL International (see certification number) -
as well as **DIN IEC EN 61326-1**.

The IKA® RCT basic fulfills, in all areas, the required safety regulations for laboratory equipment. Of course, all of our products conform to CE certification.



Digital display

Enables comparison of the set and actual temperatures as well as the stirring speed. Monitoring of set values is also possible from a distance because of the large easily read display.

Precise temperature control

The set temperature is reached quickly and held stable.



Two independent control circuits

The set temperature values are held constant in the event of a malfunction of one control circuit.

Magnetic stirrers with heating

Please find required accessories on www.ika.com



ETS-D5

Electronic contact thermometer for perfect temperature control in the medium.

- Temperature measuring range from - 50 – 450 °C
- Resolution / setting accuracy: 0,1 K
- Control deviation: ± 0,5 K
- Measuring accuracy: ± 0,2 K (+ sensor tolerance PT 1000)
- Incl. measuring sensor H 62.51
- Connection: DIN 12878 class 2
- Optimized PID regulation and RESET function

Ident. No. 3378000

Contact thermometer bushing

Bushing according to DIN 12878 for connecting a digital contact thermometer such as an ETS-D5 recommended.

Ceramic heating plate

Excellent chemical resistance to acids, bases, and solvents.

Digital display

Precise temperature control thanks to a digital display.



C-MAG HS 7 IKAMAG®

New magnetic stirrer with heating and a glass ceramic heating plate, which offers excellent chemical resistance.

- Fixed safety circuit of 550 °C
- Hot Top indicator to prevent burns



C-MAG HS 10 IKAMAG®

Technical data

Stirring quantity (H ₂ O)	20 l
Speed display	digital
Speed range	50 – 1.500 rpm
Heating function	
Heat output	600 W
Temperature range	RT – 310 °C
Setting accuracy	± 1 K
Safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000 ± 1 K / ETS-D5 ± 0,5 K
Heating plate	
Material	aluminium alloy
Dimensions	Ø 135 mm
General data	
Dimensions (W x D x H)	160 x 270 x 85 mm
Weight	2,5 kg
Ident. No.	3810000

RCT basic safety control IKAMAG®

Stirring quantity (H ₂ O)	20 l
Speed display	digital
Speed range	50 – 1.700 rpm
Heating function	
Heat output	600 W
Temperature range	RT – 340 °C
Setting accuracy	± 1 K
Safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000 ± 1 K / ETS-D5 ± 0,5 K
Heating plate	
Material	stainless steel (AISI 304)
Dimensions	Ø 135 mm
General data	
Dimensions (W x D x H)	160 x 270 x 95 mm
Weight	2,5 kg
Ident. No.	3822000

RET basic safety control IKAMAG®

Stirring quantity (H ₂ O)	20 l
Speed display	digital
Speed range	0 – 1.200 rpm
Heating function	
Heat output	600 W
Temperature range	RT – 340 °C
Setting accuracy	± 1 K
Safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000 ± 1 K / ETS-D5 ± 0,5 K
Heating plate	
Material	stainless steel (AISI 304)
Dimensions	Ø 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 97 mm
Weight	2,8 kg
Ident. No.	3964000

RET control/t safety control IKAMAG®

Stirring quantity (H ₂ O)	20 l
Speed display	digital
Speed range	0 – 1.200 rpm
Heating function	
Heat output	600 W
Temperature range	RT – 340 °C
Setting accuracy	± 1 K
Safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000 ± 1 K / ETS-D5 ± 0,5 K
Heating plate	
Material	stainless steel (AISI 304)
Dimensions	Ø 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 97 mm
Weight	2,8 kg
Ident. No.	3964000

RH basic 2 IKAMAG®

Stirring quantity (H ₂ O)	10 l
Speed display	scale (0 - 6)
Speed range	100 – 2.000 rpm
Heating function	
Heat output	400 W
Temperature range	RT – 320 °C
Setting accuracy	± 10 K
Safety circuit	400 °C (fixed)
Control accuracy with sensor	–
Heating plate	
Material	stainless steel (AISI 304)
Dimensions	Ø 125 mm
General data	
Dimensions (W x D x H)	168 x 220 x 105 mm
Weight	2,4 kg
Ident. No.	3339000

C-MAG HS 4 IKAMAG®

Stirring quantity (H ₂ O)	5 l
Speed display	scale (0 - 6)
Speed range	100 – 1.500 rpm
Heating function	
Heat output	250 W
Temperature range	50 – 500 °C
Setting accuracy	± 10 K
Safety circuit	550 °C (fixed)
Control accuracy with sensor	–
Heating plate	
Material	glass ceramic
Dimensions	100 x 100 mm
General data	
Dimensions (W x D x H)	150 x 260 x 105 mm
Weight	3 kg
Ident. No.	3581000

Stirring quantity (H ₂ O)	10 l
Speed display	scale (0 - 6)
Speed range	100 – 1.500 rpm
Heating function	
Heat output	1.000 W
Temperature range	50 – 500 °C
Setting accuracy	± 10 K
Safety circuit	550 °C (fixed)
Control accuracy with sensor	ETS-D5 ± 0,5 K
Heating plate	
Material	glass ceramic
Dimensions	180 x 180 mm
General data	
Dimensions (W x D x H)	220 x 330 x 105 mm
Weight	5 kg
Ident. No.	3581200

Stirring quantity (H ₂ O)	15 l
Speed display	scale (0 - 6)
Speed range	100 – 1.500 rpm
Heating function	
Heat output	1.500 W
Temperature range	50 – 500 °C
Setting accuracy	± 10 K
Safety circuit	550 °C (fixed)
Control accuracy with sensor	ETS-D5 ± 0,5 K
Heating plate	
Material	glass ceramic
Dimensions	260 x 260 mm
General data	
Dimensions (W x D x H)	300 x 415 x 105 mm
Weight	6 kg
Ident. No.	3581400

Magnetic stirrers with and without heating

Please find required accessories on www.ika.com



Simultaneously operating stirrers

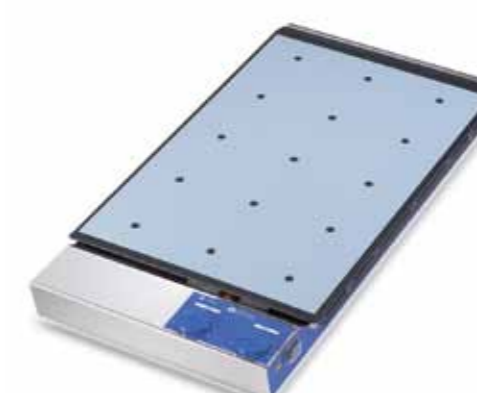
Absolute consistency of sample conditions for the individual samples.

Silicone heating foil

For steady temperatures throughout the entire set-up plate.



RT 10 power IKAMAG®



Technical data

Stirring positions	5
Max. stirring quantity per stirrer (H ₂ O)	0,4 l
Speed display	scale (1 – 10)
Speed range	0 – 1.100 rpm
Deviation for individual stirring positions	5%

Heating function

Heat output	–
Temperature range (surface)	–
Max. temperature medium	–
Temperature consistency in the medium	–

Set-up plate

Material	stainless steel (AISI 304)
Dimensions	120 x 450 mm

General data

Dimensions (W x D x H)	122 x 552 x 65 mm
Weight	2,3 kg
Ident. No.	2930200

RO 5 power IKAMAG®

RO 10 power IKAMAG®

RO 15 power IKAMAG®

RT 5 power IKAMAG®

RT 15 power IKAMAG®

10
0,4 l
scale (1 – 10)
0 – 1.100 rpm
5%

–
–
–
–

stainless steel (AISI 304)
180 x 450 mm

182 x 552 x 65 mm
3,2 kg
2930400

15
0,4 l
scale (1 – 10)
0 – 1.100 rpm
5%

–
–
–
–

stainless steel (AISI 304)
270 x 450 mm

272 x 552 x 65 mm
4,7 kg
2930600

5
0,4 l
scale (1 – 10)
0 – 1.100 rpm
5%

175 W
RT – 120 °C
70 °C
± 2 K

silicone
120 x 450 mm

138 x 552 x 65 mm
3 kg
2930300

10
0,4 l
scale (1 – 10)
0 – 1.100 rpm
5%

375 W
RT – 120 °C
70 °C
± 2 K

silicone
180 x 450 mm

198 x 552 x 65 mm
4,2 kg
2930500

15
0,4 l
scale (1 – 10)
0 – 1.100 rpm
5%

580 W
RT – 120 °C
70 °C
± 2 K

silicone
270 x 450 mm

288 x 552 x 65 mm
6 kg
2930700

Magnetic stirrers without heating

See more designs of the lab disc, big squid and color squid on www.ika.com



Glass plate
Excellent chemical resistance to acids, bases, and solvents.

High-power motor
Electronically controlled motor for a high capacity and high speed range.

Digital display
Enables precise setting of speed.

Ultra-flat
The modern magnet coil technology enables a height of only 12 mm.

Change of rotating direction
For a better mixing of the medium, the rotating direction can be automatically changed every 30 seconds.



big squid IKAMAG®

color squid IKAMAG®

Technical data

Stirring quantity (H ₂ O)	0,8 l
Motor rating input / output	5 / 3 W
Speed display	-
Speed range	15 – 1.500 rpm
Reversion of rotation direction (switchable)	every 30 seconds
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	polyester
Dimensions	Ø 100 mm
General data	
Dimensions (W x D x H)	117 x 180 x 12 mm
Weight	0,3 kg
Protection class acc. to DIN EN 60529	IP 65
Ident. No.	3907500

lab disc IKAMAG® white

Stirring quantity (H ₂ O)	0,8 l
Motor rating input / output	5 / 3 W
Speed display	-
Speed range	15 – 1.500 rpm
Reversion of rotation direction (switchable)	every 30 seconds
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	polyester
Dimensions	Ø 100 mm
General data	
Dimensions (W x D x H)	117 x 180 x 12 mm
Weight	0,3 kg
Protection class acc. to DIN EN 60529	IP 65
Ident. No.	3907500

Mini MR standard IKAMAG®

Stirring quantity (H ₂ O)	1 l
Motor rating input / output	3 / 2 W
Speed display	-
Speed range	0 – 2.500 rpm
Reversion of rotation direction (switchable)	-
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	polyester
Dimensions	115 x 115 mm
General data	
Dimensions (W x D x H)	114 x 127 x 37 mm
Weight	0,25 kg
Protection class acc. to DIN EN 60529	IP 42
Ident. No.	3674000

topolino IKAMAG®

Stirring quantity (H ₂ O)	0,25 l
Motor rating input / output	1 / 0,8 W
Speed display	-
Speed range	300 – 1.800 rpm
Reversion of rotation direction (switchable)	-
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	PP
Dimensions	Ø 80 mm
General data	
Dimensions (W x D x H)	95 x 115 x 37 mm
Weight	0,32 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	3368000

Stirring quantity (H ₂ O)	1,5 l
Motor rating input / output	3 / 2 W
Speed display	digital
Speed range	0 – 2.500 rpm
Reversion of rotation direction (switchable)	-
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	glass
Dimensions	Ø 160 mm
General data	
Dimensions (W x D x H)	180 x 195 x 40 mm
Weight	0,7 kg
Protection class acc. to DIN EN 60529	IP 54
Ident. No.	3672000

Stirring quantity (H ₂ O)	1 l
Motor rating input / output	3 / 2 W
Speed display	digital
Speed range	0 – 2.500 rpm
Reversion of rotation direction (switchable)	-
Max. magnetic bar (L x Ø) mm	30 x 8 mm
Set-up plate	
Material	glass
Dimensions	Ø 115 mm
General data	
Dimensions (W x D x H)	145 x 160 x 45 mm
Weight	0,54 kg
Protection class acc. to DIN EN 60529	IP 54
Ident. No.	3671000

Magnetic stirrers without heating

Please find required accessories on www.ika.com

Non-locking motor
Enables efficient stirring of up to 150 l.

Timer
Stirring function stops automatically when the set time is up.

Ceramic plate
Excellent chemical resistance to acids, bases, and solvents.

Elevated control panel
For protection against leaking liquids.



Maxi MR 1 digital IKAMAG®

Powerful magnetic stirrer without heating in a flat, sturdy stainless steel casing for stirring quantities of up to 150 liters.

- Infinitely variable speed
- Digital LED speed display



C-MAG MS 10 IKAMAG®

The glass ceramic set-up plate offers excellent chemical resistance.

- Powerful motor
- Elevated control panel for protection against leaking liquids

Technical data

Stirring quantity (H ₂ O)	5 l
Motor rating input / output	14 / 4 W
Speed range	0 - 1.100 rpm
Max. magnetic bar (L x Ø)	50 x 8 mm
Set-up plate	
Material	stainless steel (AISI 304)
Dimensions	140 x 120 mm
General data	
Dimensions (W x D x H)	140 x 200 x 75 mm
Weight	1,4 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	2812000

KMO 2 basic IKAMAG®

Stirring quantity (H ₂ O)	5 l
Motor rating input / output	14 / 4 W
Speed range	0 - 1.100 rpm
Max. magnetic bar (L x Ø)	50 x 8 mm
Set-up plate	
Material	stainless steel (AISI 304)
Dimensions	140 x 120 mm
General data	
Dimensions (W x D x H)	140 x 200 x 75 mm
Weight	1,4 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	2812000

Midi MR 1 digital IKAMAG®

Stirring quantity (H ₂ O)	50 l
Motor rating input / output	70 / 19 W
Speed range	0 - 1.000 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Set-up plate	
Material	stainless steel (AISI 304)
Dimensions	350 x 350 mm
General data	
Dimensions (W x D x H)	360 x 430 x 110 mm
Weight	9 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	2621900

Stirring quantity (H ₂ O)	150 l
Motor rating input / output	80 / 35 W
Speed range	0 - 600 rpm
Max. magnetic bar (L x Ø)	155 x 27 mm
Set-up plate	
Material	stainless steel (AISI 304)
Dimensions	500 x 500 mm
General data	
Dimensions (W x D x H)	505 x 585 x 110 mm
Weight	16 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	2621800

C-MAG MS 4 IKAMAG®

Stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1,5 W
Speed range	100 - 1.500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm
Set-up plate	
Material	glass ceramic
Dimensions	100 x 100 mm
General data	
Dimensions (W x D x H)	150 x 260 x 105 mm
Weight	3 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	3582200

C-MAG MS 7 IKAMAG®

Stirring quantity (H ₂ O)	10 l
Motor rating input / output	15 / 1,5 W
Speed range	100 - 1.500 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Set-up plate	
Material	glass ceramic
Dimensions	180 x 180 mm
General data	
Dimensions (W x D x H)	220 x 330 x 105 mm
Weight	5 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	3582400

Stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 1,5 W
Speed range	100 - 1.500 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Set-up plate	
Material	glass ceramic
Dimensions	260 x 260 mm
General data	
Dimensions (W x D x H)	300 x 415 x 105 mm
Weight	6 kg
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	3582600

Electronic overhead stirrers

Please find required accessories on www.ika.com

Push-through agitator shaft

Enables the customization of the stirring tool's length to fit the vessel.

Digital display

Precise monitoring of set and actual speeds. Errors and deviations are displayed.

Slim casing

Enables mounting on a variety of apparatus, for example: a preparative set-up with a three-necked flask.



Integrated torque trend display for viscosity control.

EUROSTAR digital

Laboratory stirrer that can be used up to the medium viscosity range. A microprocessor control system guarantees a constant speed.

Technical data

Stirring quantity (H ₂ O)	10 l
Max. viscosity	10.000 mPas
Motor rating input / output	75 / 55 W
Max. torque at chuck	40 Ncm
Speed range	40 – 1.200 rpm
Speed display	scale (1 – 10)
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	13 / 160 mm
General data	
Dimensions	80 x 190 x 222 mm
Weight	2,8 kg
Interface	–
Torque measurement	–
Ident. No.	2572100

RW 16 basic

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating input / output	75 / 55 W
Max. torque at chuck	30 Ncm
Speed range	50 – 2.000 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	13 / 160 mm
General data	
Dimensions	80 x 190 x 222 mm
Weight	2,8 kg
Interface	–
Torque measurement	–
Ident. No.	2482000

EUROSTAR power basic

Stirring quantity (H ₂ O)	40 l
Max. viscosity	50.000 mPas
Motor rating input / output	130 / 110 W
Max. torque at chuck	60 Ncm
Speed range	50 – 2.000 rpm
Speed display	scale
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	16 / 200 mm
General data	
Dimensions	80 x 190 x 253 mm
Weight	3,8 kg
Interface	analog
Torque measurement	–
Ident. No.	2572200

EUROSTAR power control-visc

Stirring quantity (H ₂ O)	40 l
Max. viscosity	50.000 mPas
Motor rating input / output	130 / 110 W
Max. torque at chuck	60 Ncm
Speed range	50 – 2.000 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	16 / 200 mm
General data	
Dimensions	80 x 190 x 253 mm
Weight	3,8 kg
Interface	RS 232 / analog
Torque measurement	trend
Ident. No.	2600000

EUROSTAR power control-visc P1

Stirring quantity (H ₂ O)	60 l
Max. viscosity	70.000 mPas
Motor rating input / output	153 / 134 W
Max. torque at chuck	100 Ncm
Speed range	50 – 1.200 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	16 / 200 mm
General data	
Dimensions	80 x 190 x 253 mm
Weight	4 kg
Interface	RS 232 / analog
Torque measurement	trend
Ident. No.	3330000

EUROSTAR power control-visc P4

Stirring quantity (H ₂ O)	40 l
Max. viscosity	100.000 mPas
Motor rating input / output	130 / 110 W
Max. torque at chuck	200 Ncm
Speed range	14 – 530 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	16 / 200 mm
General data	
Dimensions	80 x 190 x 330 mm
Weight	4,9 kg
Interface	RS 232 / analog
Torque measurement	trend
Ident. No.	2850000

EUROSTAR power control-visc P7

Stirring quantity (H ₂ O)	40 l
Max. viscosity	150.000 mPas
Motor rating input / output	130 / 110 W
Max. torque at chuck	380 Ncm
Speed range	8 – 290 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	16 / 200 mm
General data	
Dimensions	80 x 190 x 330 mm
Weight	4,9 kg
Interface	RS 232 / analog
Torque measurement	trend
Ident. No.	2850700

EUROSTAR power control-visc 6000

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating input / output	130 / 110 W
Max. torque at chuck	15 Ncm
Speed range	150 – 6.000 rpm
Speed display	digital
Chuck range	fix
Diameter / length of extension arm	16 / 220 mm
General data	
Dimensions	80 x 190 x 317 mm
Weight	4,8 kg
Interface	RS 232 / analog
Torque measurement	trend
Ident. No.	3460000

Mechanical overhead stirrers

Please find required accessories on www.ika.com



RW 20 digital



RW 28 basic

Dual-speed range makes it suitable for highly-viscous media and intense mixing. Push-through stirring tools. Special motor overheating protection by means of a self-locking temperature limiter.



RW 47 D

For batches of up to 200 liters (H₂O). Powerful IKA® stirrer for laboratories, pilot plants, and small-scale production. Two speed ranges for highly-viscous media and intensive mixing. Stand not included in delivery.

Technical data

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating input / output	70 / 35 W
Output at stirring shaft	26 W
Max. torque at chuck (per 100 rpm)	150 Ncm
Speed range I (per 50 Hz)	60 – 500 rpm
Speed range II (per 50 Hz)	240 – 2.000 rpm
Speed display	digital
Chuck range	0,5 – 10 mm
Diameter / length of extension arm	13 mm / 160 mm
General data	
Dimensions (W x D x H)	88 x 212 x 294 mm
Weight	3,1 kg
Ident. No.	3593000

80 l	50.000 mPas	220 / 90 W	90 W	900 Ncm	60 – 400 rpm	240 – 1.400 rpm	digital	1 – 10 mm	16 mm / 145 mm	123 x 252 x 364 mm	7,4 kg	2760000
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200 l	100.000 mPas	513 / 370 W	300 W	3.000 Ncm	57 – 275 rpm	275 – 1.300 rpm	scale	3 – 16 mm	–	145 x 340 x 445 mm	15 kg	1602000
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Technical data

Shaking movement	orbital
Orbital diameter	4,5 mm
Max. shaking weight (with attachment)	0,1 kg
Motor rating input / output	1,2 / 0,8 W
Permissible ON time	100 %
Speed range	2.800 rpm (fixed)
Speed display	–
Timer Swich	–
General data	
Dimensions (W x D x H)	Ø 100 x 70 mm
Weight	0,55 kg
Permissible ambient temperature	5 – 40 °C
Interface	–
Ident. No.	3365000

lab dancer

orbital	4,5 mm	0,1 kg	1,2 / 0,8 W	100 %	2.800 rpm (fixed)	–	–	Ø 100 x 70 mm	0,55 kg	5 – 40 °C	–	3365000
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MS 3 basic

orbital	4,5 mm	0,5 kg	10 / 8 W	100 %	0 – 3.000 rpm	scale	–	148 x 205 x 63 mm	2,9 kg	5 – 40 °C	–	3617000
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MS 3 digital

orbital	4,5 mm	0,5 kg	10 / 8 W	100 %	0 – 3.000 rpm	scale	1 s – 999 min	148 x 205 x 63 mm	2,9 kg	5 – 40 °C	–	3319000
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VORTEX Genius 3

Vortex shaker suitable for short-time operation (touch function), activated by pressing the shaker attachment. Can also be used for continuous operation.



Variety of accessories

Different applications easily handled with three interchangeable attachments and seven inserts.

Wide speed range

Enables intensive mixing, even for small vessels.

Orbital shakers

Please find required accessories on www.ika.com



Orbital shakers

Attachments are not included in delivery.
Please find required accessories on www.ika.com



STICKMAX
New universal adhesive mat for the fixing clip attachments of the KS 130, KS/HS 260, KS/HS 501 and KS 4000 shakers.

- Ideal for frequently changing vessel types and sizes
- Self-adhesive
- Devices can be easily removed by side tilting movement
- Suitable for disinfection
- Peel-away strength required: 5 N/cm²
- Dimensions (L x W): 200 x 200 mm

Ident. No. 3920000



Technical data

Shaking movement	orbital
Orbital diameter	4 mm
Max. shaking weight (with attachment)	2 kg
Motor rating input / output	35 / 13,2 W
Permissible ON time	100%
Speed range	0 – 2.200 rpm
Speed display	scale
Timer Swich	–
General data	
Dimensions (W x D x H)	157 x 247 x 130 mm
Weight	6,1 kg
Permissible ambient temperature	5 – 40 °C
Interface	–
Ident. No.	2819000

VXR basic Vibrax®

MTS 2/4 digital

Shaking movement	orbital
Orbital diameter	3 mm
Max. shaking weight (with attachment)	2 or 4 microtiter plates
Motor rating input / output	35 / 13,2 W
Permissible ON time	100%
Speed range	0 – 1.100 rpm
Speed display	scale
Timer Swich	∞ / 1 – 99 min
General data	
Dimensions (W x D x H)	185 x 320 x 105 mm
Weight	2,7 kg
Permissible ambient temperature	5 – 40 °C
Interface	–
Ident. No.	3208000

KS 130 basic

Shaking movement	orbital
Orbital diameter	4 mm
Max. shaking weight (with attachment)	2 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	80 – 800 rpm
Speed display	LED line
Timer Swich	∞ / 5 – 50 min
General data	
Dimensions (W x D x H)	270 x 316 x 98 mm
Weight	8,8 kg
Permissible ambient temperature	5 – 50 °C
Interface	–
Ident. No.	2980000

KS 130 control

Shaking movement	orbital
Orbital diameter	4 mm
Max. shaking weight (with attachment)	2 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	80 – 800 rpm
Speed display	digital
Timer Swich	∞ / 0 – 9 h 59 min
General data	
Dimensions (W x D x H)	270 x 316 x 98 mm
Weight	9,8 kg
Permissible ambient temperature	5 – 50 °C
Interface	RS 232 / analog
Ident. No.	2980100

KS 260 basic

Shaking movement	orbital
Orbital diameter	10 mm
Max. shaking weight (with attachment)	7,5 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	20 – 500 rpm
Speed display	LED line
Timer Swich	∞ / 5 – 50 min
General data	
Dimensions (W x D x H)	360 x 420 x 98 mm
Weight	8,5 kg
Permissible ambient temperature	5 – 50 °C
Interface	–
Ident. No.	2980200

KS 260 control

Additionally with a digital display for monitoring the speed and the timer.

Shaking movement	orbital
Orbital diameter	10 mm
Max. shaking weight (with attachment)	7,5 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	10 – 500 rpm
Speed display	digital
Timer Swich	∞ / 9 h 59 min
General data	
Dimensions (W x D x H)	360 x 420 x 98 mm
Weight	8,8 kg
Permissible ambient temperature	5 – 50 °C
Interface	RS 232 / analog
Ident. No.	2980300

KS 501 digital

Flat laboratory shaker with a large set-up plate.

Shaking movement	orbital
Orbital diameter	30 mm
Max. shaking weight (with attachment)	15 kg
Motor rating input / output	70 / 19 W
Permissible ON time	100%
Speed range	0 – 300 rpm
Speed display	digital
Timer Swich	∞ / 1 – 56 min
General data	
Dimensions (W x D x H)	505 x 585 x 120 mm
Weight	26 kg
Permissible ambient temperature	5 – 50 °C
Interface	–
Ident. No.	2526400

KS 4000 i control

Incubator shaker with an innovative design for unsupervised operation, in a temperature-controlled environment. Comes with an external PT 1000 sensor which enables temperature control in the medium.

- Temperature range: RT + 5 °C to 80 °C
- Heat output: 1.000 W
- Temperature stability: 0,1 K

Shaking movement	orbital
Orbital diameter	20 mm
Max. shaking weight (with attachment)	20 kg
Motor rating input / output	82 / 24 W
Permissible ON time	100%
Speed range	10 – 500 rpm
Speed display	digital
Timer Swich	∞ / 1 s - 999 h
General data	
Dimensions (W x D x H)	580 x 750 x 525 mm
Weight	50 kg
Permissible ambient temperature	15 – 32 °C
Interface	RS 232
Ident. No.	3510000

KS 4000 ic control with built-in cooling coil

This version of the incubator shaker with a built-in cooling spiral enables the connection to an external cooling unit for working below room temperature.

- Operating temperature range with a max. flow temperature: RT -10 °C to 80 °C
- Cooling connection for hose: ø10 mm

Shaking movement	orbital
Orbital diameter	20 mm
Max. shaking weight (with attachment)	20 kg
Motor rating input / output	82 / 24 W
Permissible ON time	100%
Speed range	10 – 500 rpm
Speed display	digital
Timer Swich	∞ / 1 s - 999 h
General data	
Dimensions (W x D x H)	580 x 750 x 525 mm
Weight	55 kg
Permissible ambient temperature	15 – 32 °C
Interface	RS 232
Ident. No.	3510100

5 Year warranty*

Temperature sensor connection

Enables the connection of a temperature sensor for controlling the medium's temperature.

Tempering

Highly precise temperature control all throughout the incubation cover.

A variety of accessories

Can be used with a variety of vessel sizes and types.

Digital display

Numerous functions such as speed, temperature, and timer can therefore be monitored and controlled.

Interface

RS 232 interface to control the incubator shaker and for documentation of all parameters.



* 2 + 3 years after registering at www.ika.com/register, glassware and wearing parts excluded

Horizontal shakers

Attachments are not included in delivery.
Please find required accessories on www.ika.com

A variety of accessories

Can be used with a variety of vessel sizes and types.

Digital display

Numerous functions such as speed and timer can be monitored and controlled.



Interface

RS 232 interface to control the shaker and for documenting all parameters.

HS 260 control

Compact, flat laboratory shaker with an ideal swivel motion, for a maximum shaking weight of up to 7.5 kg.

HS 260 basic

Technical data

Shaking movement	reciprocating
Orbital diameter	20 mm
Max. shaking weight (with attachment)	7,5 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	20 – 300 rpm
Speed display	LED line
Timer	∞ / 5 – 50 min

General data

Dimensions (W x D x H)	360 x 420 x 100 mm
Weight	8,5 kg
Permissible ambient temperature	5 – 50 °C
Interface	–
Ident. No.	3066600

Shaking movement	reciprocating
Orbital diameter	20 mm
Max. shaking weight (with attachment)	7,5 kg
Motor rating input / output	45 / 10 W
Permissible ON time	100%
Speed range	10 – 300 rpm
Speed display	digital
Timer	∞ / 9 h 59 min

Dimensions (W x D x H)	360 x 420 x 100 mm
Weight	8,8 kg
Permissible ambient temperature	5 – 50 °C
Interface	RS 232 / analog
Ident. No.	3066700

HS 501 digital

Shaking movement	reciprocating
Orbital diameter	30 mm
Max. shaking weight (with attachment)	15 kg
Motor rating input / output	70 / 19 W
Permissible ON time	100%
Speed range	0 – 300 rpm
Speed display	digital
Timer	∞ / 1 – 56 min

Dimensions (W x D x H)	505 x 585 x 120 mm
Weight	26 kg
Permissible ambient temperature	5 – 50 °C
Interface	–
Ident. No.	2527000

Dispersers

Please find required accessories on www.ika.com

Three phase motor

High-performance dispersing instrument designed for typical pilot plant station volumes from 2 to 50 l (H₂O).



Technical data

Motor rating input / output	125 / 75 W
Volume range (H ₂ O)	0,5 – 100 ml
Speed adjustment	stepless
Speed range	8.000 – 30.000 rpm
Speed display	scale
Noise motor	65 dB (A)
Overload protection	yes

General data

Dimensions (W x D x H)	46 x 57 x 201 mm
Weight	0,4 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 30
Ident. No.	3420000

T 10 basic ULTRA-TURRAX®

Motor rating input / output	500 / 300 W
Volume range (H ₂ O)	1 – 1.500 ml
Speed adjustment	stepless
Speed range	3.500 – 24.000 rpm
Speed display	scale
Noise motor	73 dB (A)
Overload protection	yes

Dimensions (W x D x H)	65 x 80 x 240 mm
Weight	1,6 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 20
Ident. No.	3561000

T 18 basic ULTRA-TURRAX®

Motor rating input / output	500 / 300 W
Volume range (H ₂ O)	1 – 2.000 ml
Speed adjustment	stepless
Speed range	3.400 – 24.000 rpm
Speed display	digital
Noise motor	73 dB (A)
Overload protection	yes

Dimensions (W x D x H)	65 x 80 x 240 mm
Weight	1,6 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 20
Ident. No.	3565000

T 25 digital ULTRA-TURRAX®

Motor rating input / output	1.100 / 700 W
Volume range (H ₂ O)	0,25 – 30 l
Speed adjustment	stepless
Speed range	500 – 10.000 rpm
Speed display	scale
Noise motor	72 dB (A)
Overload protection	yes

Dimensions (W x D x H)	125 x 120 x 367 mm
Weight	6 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 20
Ident. No.	3783500

T 50 basic ULTRA-TURRAX®

Motor rating input / output	1.800 / 1.500 W
Volume range (H ₂ O)	2 – 50 l
Speed adjustment	–
Speed range	fixed 7.200 rpm
Speed display	–
Noise motor	75 dB (A)
Overload protection	yes

Dimensions (W x D x H)	190 x 580 x 380 mm
Weight	28 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 54
Ident. No.	1602800

T 65 D ULTRA-TURRAX®

Motor rating input / output	1.800 / 1.500 W
Volume range (H ₂ O)	2 – 50 l
Speed adjustment	–
Speed range	fixed 7.200 rpm
Speed display	–
Noise motor	75 dB (A)
Overload protection	yes

Dimensions (W x D x H)	190 x 580 x 380 mm
Weight	28 kg
Perm. ambient temperature	5 – 40 °C
Permissible relative humidity	80%
Protect. class DIN EN 60529	IP 54
Ident. No.	1602800

Dispersers

Please find required accessories on www.ika.com

Patented tube system
Disposable tubes for stirring, dispersing, and grinding.

Digital timer switch
Experiment time can be set from 1 second to 29 minutes.

OLED display
Clear and multilingual display.

ULTRA-TURRAX® Workstation
You are optimally equipped and ready to go with the UTDD case.



UTDD ULTRA-TURRAX® Tube Drive

One-of-a-kind and universal disposable dispersing system with hermetically sealable disposable sample tubes. For safe processing of infectious, toxic sample materials and strong-smelling substances.

- Dispersing, stirring, and grinding with a single drive unit
- No possibility of cross-contamination
- High level of user safety
- Suitable for individual use and use in series
- Anti-locking function
- Chemical-resistant plastic
- Simple and safe disposal

UTDD control ULTRA-TURRAX® Tube Drive control **NEW**

The new control version offers the following additional advantages:

- USB interface for experiment control and documentation
- Collecting tray for protection against leaking liquids
- Simple and precise menu navigation thanks to the OLED display
- Programmable sample conditions (library)

Turbo key
For short-term, intensive stirring, dispersing, and grinding.

Reverse operation
Adjustable reverse rotating direction.

Technical data

Motor rating input / output	20 / 17 W
Speed range / turbo speed	300 – 6.000 rpm
Display	LED (timer)
Speed display	scale (0 - 9)
Timer	1 – 59 s (300 – 6.000 rpm) 1 – 29 min (300 – 4.000 rpm)

Reversal of rotating direction interval -

General Data

Dimensions (W x D x H)	100 x 160 x 40 mm
Weight	0,75 kg
Protection class acc. to DIN EN 60529	IP 20
Ident. No. Single Unit	3646000

Motor rating input / output	20 / 17 W
Speed range / turbo speed	400 - 6.000 rpm / 8.000 rpm
Display	OLED
Speed display	digital
Timer	10 s - 30 min (infinitely adjustable)
Reversal of rotating direction interval	10 - 60 s
Dimensions (W x D x H)	122 x 178 x 48 mm
Weight	1,0 kg
Protection class acc. to DIN EN 60529	IP 20
Ident. No. Single Unit	4135300

Included with delivery

ULTRA-TURRAX® Tube Drive	1
ULTRA-TURRAX® Tube Drive control	-
ST-20 Tube with stirring device	2
DT-20 Tube with rotor-stator element	2
BMT-20 G / S Tube for grinding with glass (G) or stainless steel balls (S)	2
Removal hook for removal of rotor-stator element	1
Power supply	1
Ident. No. Workstation	3645000

UTDD Workstation	UTDD control Workstation
1	-
-	1
2	2
2	1
2	1
1	1
1	1
3645000	3827500



Description	ST-20	DT-20	BMT-20 S	BMT-20 G
Description	Tube with stirring device	Tube with rotor stator element	Tube for grinding with stainless steel balls (S)	Tube for grinding with glass balls (G)
Ident. No.	3703000	3703100	3703200	3703300
Description	ST-50	DT-50	BMT-50 S	BMT-50 G
Description	Tube with stirring device	Tube with rotor stator element	Tube for grinding with stainless steel balls (S)	Tube for grinding with glass balls (G)
Ident. No.	3699500	3699600	3699700	3699800

Note:
All tubes are also available with a pierceable membrane and gamma-sterilized.
For additional information see: www.ika.com.



Hotplates

Please find required accessories on www.ika.com

Heating baths & Thermostats

Please find required accessories on www.ika.com

Ceramic heating plate

Excellent chemical resistance to acids, bases, and solvents.

Digital display

Precise monitoring of the temperature by means of a digital display.

Contact thermometer bushing

Bushing according to DIN 12878 for connecting a digital contact thermometer. ETS-D5 is recommended.



C-MAG HP 7 IKATHERM®

New glass ceramic heating plate, which offers excellent chemical resistance.

- Fixed safety circuit of 550 °C
- Hot Top indicator warning to prevent burns



C-MAG HP 10 IKATHERM®

Technical data

Heat output	250 W
Heating plate temperature range	50 - 500 °C
Safety circuit fixed	550 °C
Setting accuracy	± 10 K
Control accuracy with sensor	–
Temperature display	digital
Heating plate	
Material	glass ceramic
Dimensions	100 x 100 mm
General data	
Dimensions (W x D x H)	150 x 260 x 105 mm
Weight	3 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3581600

C-MAG HP 4 IKATHERM®

Heat output	1.000 W
Heating plate temperature range	50 - 500 °C
Safety circuit fixed	550 °C
Setting accuracy	± 10 K
Control accuracy with sensor	ETS-D5 ± 0,5 K
Temperature display	digital
Heating plate	
Material	glass ceramic
Dimensions	180 x 180 mm
General data	
Dimensions (W x D x H)	220 x 330 x 105 mm
Weight	5 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3581800

Heat output	1.500 W
Heating plate temperature range	50 - 500 °C
Safety circuit fixed	550 °C
Setting accuracy	± 10 K
Control accuracy with sensor	ETS-D5 ± 0,5 K
Temperature display	digital
Heating plate	
Material	glass ceramic
Dimensions	260 x 260 mm
General data	
Dimensions (W x D x H)	300 x 415 x 105 mm
Weight	6 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3582000

Technical data

Heat output	1.500 W
Temperature range	25 – 100 °C
Setting tolerance	–
Deviation (3 l H ₂ O, 90 °C)	–
Safety class	yes (acc. to DIN 12876)
Temperature display	scale
Stirring function	
Stirring function	–
Speed range	–
General data	
Useful volume	–
Weight	2,3 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3164000

EH 4 basic Immersion thermostat

Heat output	1.500 W
Temperature range	25 – 100 °C
Setting tolerance	–
Deviation (3 l H ₂ O, 90 °C)	–
Safety class	yes (acc. to DIN 12876)
Temperature display	scale
Stirring function	
Stirring function	–
Speed range	–
General data	
Useful volume	–
Weight	2,3 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3164000

HBR 4 digital Heating bath

Heat output	1.000 W
Temperature range	RT – 200 °C
Setting accuracy	± 1 K
Control accuracy with sensor	± 1 K
Temperature display	2 (acc. to DIN 12877)
Temperature display	digital
Stirring function	
Stirring function	yes
Speed range	100 – 800 rpm
General data	
Useful volume	4 l
Weight	4,4 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	2602300

HB 10 digital Heating bath

Digital heating bath with easy operation and numerous safety functions. Three adjustable operating modes enable optimal user-specific setting of the bath.

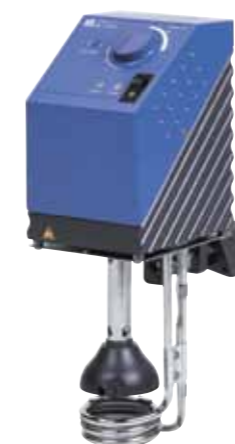
Heat output	1.350 W
Temperature range	RT – 180 °C
Setting accuracy	± 1 K
Control accuracy with sensor	± 1 K
Temperature display	2 (acc. to DIN 12877)
Temperature display	digital
Stirring function	
Stirring function	–
Speed range	–
General data	
Useful volume	3 l
Weight	3,0 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	3642000

Carrying handles

Laterally arranged carrying handles and drip edge allow safe handling of the heating bath and offer protection from burns.

Digital display

Enables precise temperature control.



Rotary evaporators

Please find required accessories on www.ika.com



NEW Included in delivery
RV 10.4002 Magnetic valve, used to connect your vacuum system to the RV 10 control.

Condenser
Optimized cooling coil configuration for high recovery rates.

Motorized lift
Lifting and lowering of the glassware at the touch of a button.

Free choice of angle
The drive's angle can be adjusted so that the evaporating flask can be optimally placed into the heating bath.

Solvent-resistant and abrasion-proof seal
Reduces spare part costs.

Drive rotates clockwise and counter-clockwise
Enables better mixing and more efficient drying of samples.

Lift raised automatically in the event of a power outage
Prevents sample "bumping".

Endpoint positioning
Prevents glass from breaking when evaporation flask is lowered into the heating bath.

Digital display
Precise monitoring of all parameters with digital displays.



2009

5 Year warranty*

RV 10 control

* 2 + 3 years after registering at www.ika.com/register, glassware and wearing parts excluded



RV 10 basic

The RV 10 basic rotary evaporator with integrated HB 10 heating bath is the basic version of IKA's new distillation system. The RV 10 basic comes standard with vertical glassware, either coated or uncoated.

RV 10 digital

The RV10 digital is a combination of performance, reliability and versatility. Digital temperature is precisely accurate. The perfectly coordinated data transfer between heating bath and drive unit, as well as the option of remote operation from a PC, ensure results that can be reproduced any time.

RV 10 control

The RV 10 control is a rotary evaporator system that can be operated fully automatically. The integrated software allows for numerous adjustments to be saved as well as user-specific configurations to be stored.

Variants	RV 10 basic V	RV 10 digital V	RV 10 control V
Cooler type	RV 10 basic V-C	RV 10 digital V-C	RV 10 control V-C
	V = vertical	V = vertical	V = vertical
	V-C = vertical coated	V-C = vertical coated	V-C = vertical coated
	D = diagonal	D = diagonal	D = diagonal
	D-C = diagonal, coated	D-C = diagonal, coated	D-C = diagonal, coated
Cooling surface	1.200 cm ²	1.200 cm ²	1.200 cm ²
Drive			
Motor type	brushless DC drive motor	brushless DC drive motor	brushless DC drive motor
Motor rating input	50 W	50 W	50 W
Speed range	20 to 280 rpm	20 to 280 rpm	20 to 280 rpm
Speed display	digital	digital	digital
Clockwise & counter-clockwise interval operation	yes	yes	yes
Smooth start	yes	yes	yes
Head angle adjustable	0 to 45°	0 to 45°	0 to 45°
Stroke displacement	140 mm, motorized	140 mm, motorized	140 mm, motorized
Setting of lower end stop	60 mm, contact-free	60 mm, contact-free	60 mm, contact-free
Vacuum controller	no (accessory)	accessories	integrated
Heating bath			
Temperature range	HB 10 basic RT to 180 °C	HB 10 digital RT to 180 °C	HB 10 control RT to 180 °C
Heating power	1.300 W	1.300 W	1.300 W
Controller	capillary tube controller	micro controller	micro controller
Setting accuracy	scale	1 K	1 K
Control deviation	± 5 K	± 1 K	± 1 K
Required accessories for an existing vacuum			
Magnetic valve in-house vacuum	-	-	RV 10.4002 Magnetic valve (3880300)
Magnetic valve laboratory vacuum	-	-	RV 10.4002 Magnetic valve (3880300)
Pump control incl. magnetic valve	-	-	RV 10.4002 Magnetic valve (3880300)
General data			
Dimensions without glassware (W x D x H)	530 x 410 x 570 mm	530 x 410 x 570 mm	530 x 410 x 570 mm
RV 10 diagonal (W x D x H)	890 x 410 x 670 mm	890 x 410 x 670 mm	890 x 410 x 670 mm
RV 10 vertical (W x D x H)	680 x 410 x 990 mm	680 x 410 x 990 mm	680 x 410 x 990 mm
Weight of evaporator incl. heating bath without glass parts	20 kg	20 kg	21,5 kg
Ident. No.			
RV 10 Package with vertical glassware	8022300	8022500	8022700
RV 10 Package with vertical glassware, coated	8022900	8023100	8023300
RV 10 FLEX Package without glassware	-	8031500	8031600

Mills

Please find required accessories on www.ika.com



Analytical mill

Batch mill for impact and cutting grinding by means of interchangeable cutting and grinding tools. Various grinding chamber sizes enable the crushing of small volumes all the way up to 250 ml.



A 11 basic

Technical data	
Motor rating input / output	160 / 100 W
Speed range fixes	fixed 28.000 rpm
Useful volume	80 ml
Power-on time (ON / OFF)	1 min / 10 min
Overload protection	yes
Circumferential speed	53 m/s
Max. granularity of task	10 mm
Material grinding chamber	stainless steel (AISI 316L)
General data	
Dimensions (W x D x H)	85 x 85 x 240 mm
Weight	1,5 kg
Permissible ambient temperature	5 – 40 °C
Ident. No.	2900000

Analytical mill

For low-loss, dry grinding of hard and brittle substances of up to 50 ml.



A 10 basic

180 / 80 W
20.000 rpm (fixed)
50 ml
5 min / 10 min
yes
57 m/s
6 mm
stainless steel (AISI 1.4301)
120 x 225 x 105 mm
2,2 kg
5 – 40 °C
1603500



M 20

Batch mill suitable for low-loss, dry grinding of hard and brittle substances of up to 250 ml.

260 / 620
20.000 rpm (fixed)
250 ml
7 min / 10 min
yes
72 m/s
7 mm
stainless steel (AISI 316L)
170 x 170 x 350 mm
6,6 kg
5 – 40 °C
1603600



Microfine grinder drive

Continuously working micro-fine grinder with a powerful drive and two changeable heads (not included).

MF 10 basic Microfine grinder drive + MF 10.1 Cutting-grinding head

Cutting-grinding head for crushing fibrous substances.

1.000 / 500 W
3.000 – 6.500 rpm
max. 5 kg / h
120 min / 30 min
yes
22,5 m/s
15 mm
stainless steel (AISI 304)
320 x 300 x 560 mm
9,7 kg + 2,2 kg
5 – 40 °C
2836000 + 2870900

MF 10 basic Microfine grinder drive + MF 10.2 Impact grinding head

Impact grinding head for crushing brittle, hard materials.

1.000 / 500 W
3.000 – 6.500 rpm
max. 5 kg / h
120 min / 30 min
yes
31,4 m/s
10 mm
stainless steel (AISI 304)
320 x 300 x 450 mm
9,7 kg + 2,7 kg
5 – 40 °C
2836000 + 2871000

We look forward to helping you find the perfect device for your application. Our Application Technology Lab consists of application specialists with longtime experience in sample processing.

Give us a call. Our **toll-free hotline number: 00 8000 4522777 (00 8000 IKAAPPS)***

or send us an e-mail to: **applicationsupport@ika.de**

We will process your inquiry within 48 hours of receiving it.

You may also send us your sample. We will test it for you with a device suitable for your application.

More information can be found at: **www.ika.com**

There you will also find additional detailed information regarding prices and accessories as well as an application database.

* Monday - Thursday from 8:30 am - 4:30 pm
Friday from 8:30 am - 3:30 pm



201104_Product_Overview_EN_wop

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Designed
to work perfectly

Subject to technical changes.