

IKA® Mixing

Electronic overhead stirrers

RW 11 basic "Lab Egg"

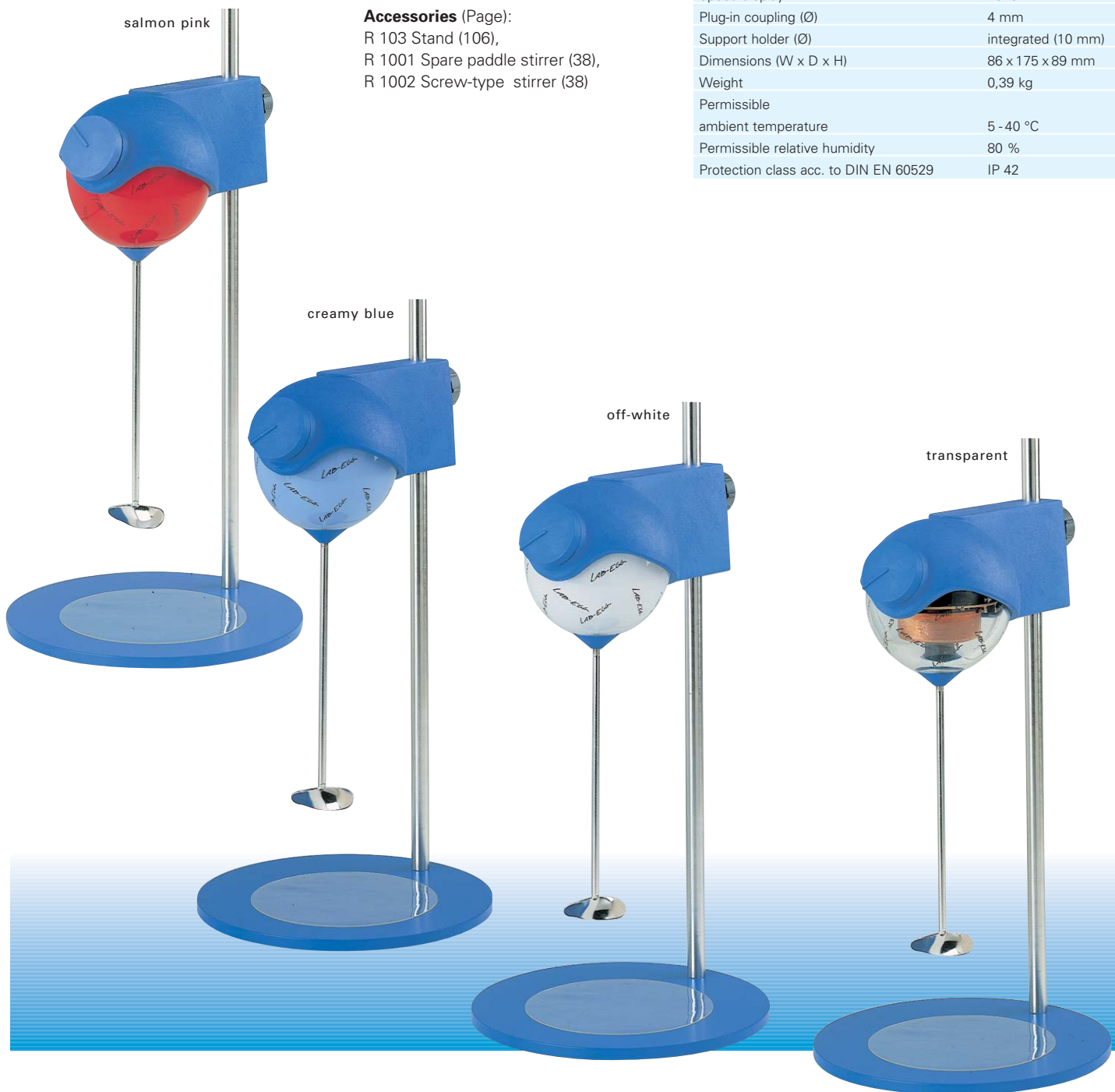
Small-sized stirrer available in four attractive colors.

- Glass housing resistant to chemicals
- Max. stirring quantity 2 l (H₂O)
- Incl. paddle stirrer R 1001 and extension arm

Accessories (Page):

R 103 Stand (106),
R 1001 Spare paddle stirrer (38),
R 1002 Screw-type stirrer (38)

Stirring quantity (H ₂ O)	2 l
Max. viscosity	100 mPas
Motor rating	
input / output	8 / 1 W
Output at stirring shaft	1 W
Max. ON-time	100 %
Max. torque (plug-in coupling)	0,8 Ncm
Speed range	0 - 2.000 rpm
Speed display	none
Plug-in coupling (Ø)	4 mm
Support holder (Ø)	integrated (10 mm)
Dimensions (W x D x H)	86 x 175 x 89 mm
Weight	0,39 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42



	Ident. No.		Ident. No.
100 - 240 V 50/60 Hz	2830005	salmon pink	2830001
	2830004	creamy blue	2830000
		off-white	
		transparent	

IKA® Mixing

Electronic overhead stirrers

RW 14 basic

Quiet, economical laboratory stirrer with electronic infinitely adjustable speed. For stirring substances of low to medium viscosity. The laboratory stirrer is suitable for reproducibly setting the speed or processing media with substantial temporary viscosity changes.

- Constant speed thanks to electronic control
- Infinitely adjustable speed
- Very smooth thanks to direct drive
- Suitable for stirring quantities up to 8 l (H₂O)
- Easy to operate
- Slimline
- Anti-stall and anti-overload system

Accessories (Page):

Stands (106): R 1825, R 1826, R 1827, R 182 Boss head clamp (108), RH 3 Strap clamp (108), R 301 Stirring shaft protection (38), R 301.1 Support holder (38), Stirring elements (36/37): e.g. R 1342, FK 1 Flexible coupling (38)

Stirring quantity (H ₂ O)	8 l
Max. viscosity	10.000 mPas
Motor rating input / output	28,5 W / 17 W
Max. output power at stirring shaft	17 W
Permitted on-time	100 %
Max. torque at chuck	8 Ncm
Speed range	100 - 2.000 rpm
Speed display	scale
Chuck range	0,5 - 8 mm
Diameter / length of extension arm	13 / 160 mm
General data	
Dimensions without extension arm (W x D x H)	70 x 176 x 197 mm
Weight	2 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 20

Ident. No.

3331400	230 V 50/60 Hz	Available 2. quarter 2005
3331401	115 V 50/60 Hz	Available 2. quarter 2005

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Configuration examples

1 RW 16 basic
Stirrer for quantities up to 10 l,
page 29.

2 R 1373
Paddle stirrer,
page 36.

5 R 1825
Plate stand,
page 106.

6 R 182
Boss head clamp,
page 108.

7 RH 3
Strap clamp,
page 108.

3 EUROSTAR digital
Stirrer for quantities up to 20 l,
page 29.

4 R 1330
Anchor stirrer,
page 36.

5 R 1825
Plate stand,
page 106.

6 R 182
Boss head clamp,
page 108.

7 RH 3
Strap clamp, page 108.

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RW 16 basic

Laboratory stirrer for simple stirring tasks of up to 10 liters (H₂O) with ideal speed range from 40 - 1.200 rpm. Especially suitable for schools, universities and inspection laboratories.

- Infinitely adjustable without gear shifting
- Slim casing
- Quiet operation
- Safety circuit
- Non-locking, overload capabilities

Accessories (Page):

Stands (106): R 1825, R 1826, R 1827, R 182 Boss head clamp (108), FK 1 Flexible coupling (38), RH 3 Strap clamp (108), DZM control.o Revolution counter (111), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1342, R 1330, R 1373

Stirring quantity (H ₂ O)	10 l
Max. viscosity	10.000 mPas
Motor rating	
input / output	75 / 55 W
Output at stirring shaft	53 W
Max. ON-time	100 %
Max. torque	
at chuck	40 Ncm
Speed range	40 - 1.200 rpm
Speed display	scale (1 - 10)
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	11 mm
Diameter / length of extension arm	13 mm / 160 mm
Dimensions (W x D x H)	80 x 190 x 222 mm
Weight	2,8 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

Ident. No.	Ident. No.
2572100 230 V 50/60 Hz	2572101 115 V 50/60 Hz



EUROSTAR digital

Laboratory stirrer that can be used up to the "medium viscosity" range.

- Constant speed by microprocessor control
- Digital display presents set and actual speed
- Infinitely adjustable without gear shifting
- Slim casing
- Quiet operation
- Safety circuit
- Non-locking, overload capabilities
- Push-through agitator shafts
- Enhanced safety as a result of smooth start

Accessories (Page):

Stands (106): R 1825, R 1826, R 1827, R 182 Boss head clamp (108), FK 1 Flexible coupling (38), RH 3 Strap clamp (108), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1342, R 1330, R 1373

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating	
input / output	75 / 55 W
Output at stirring shaft	53 W
Max. ON-time	100 %
Max. torque	
at chuck	30 Ncm
Speed range	50 - 2.000 rpm
Speed display	digital
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	11 mm
Diameter / length of extension arm	13 mm / 160 mm
Dimensions (W x D x H)	80 x 190 x 222 mm
Weight	2,8 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

Ident. No.	Ident. No.
2482000 230 V 50/60 Hz	2482001 115 V 50/60 Hz

IKA® Mixing

Electronic overhead stirrers



EUROSTAR power basic

Powerful laboratory stirrer for tasks up to the "high viscosity" range.

- Constant speed by microprocessor control
- Infinitely adjustable without gear shifting
- Slim casing
- Quiet operation
- Safety circuit
- Non-locking, overload capabilities
- Push-through agitator shafts
- Enhanced safety as a result of smooth start
- Analog recording of speed parameters is possible

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), FK 1 Flexible coupling (38), RH 5 Strap clamp (108), VK 600 control Torque measurement instrument (129), DZM control.o Revolution counter (111), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1345, R 1375

Stirring quantity (H ₂ O)	40 l
Max. viscosity	50.000 mPas
Motor rating	
input / output	130 / 110 W
Output at stirring shaft	105 W
Max. ON-time	100 %
Max. torque	
at chuck	60 Ncm
Speed range	50 - 2.000 rpm
Speed display	scale
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	11 mm
Diameter / length of extension arm	16 mm / 200 mm
Dimensions (W x D x H)	80 x 190 x 253 mm
Weight	3,8 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
Interface	analog

Ident. No.	Ident. No.
2572200 230 V 50/60 Hz	2572201 115 V 50/60 Hz



EUROSTAR power control-visc

Powerful, digital laboratory stirrer for tasks up to the "high viscosity" range.

Same features as EUROSTAR power basic, additionally: labworldsoft® software is available to allow speed and torque parameters to be controlled, regulated and documented via a PC.

- Digital display presents rated - / actual speed
- Integrated torque trend display for viscosity control
- Analog interface for recording speed and torque
- RS 232 interface

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), FK 1 Flexible coupling (38), RH 5 Strap clamp (108), VK 600 control Torque measurement instrument (129), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1345, R 1375, labworldsoft® (131), RC 1 Remote control (39), AM 1 Analog module (112)

Stirring quantity (H ₂ O)	40 l
Max. viscosity	50.000 mPas
Motor rating	
input / output	130 / 110 W
Output at stirring shaft	105 W
Max. ON-time	100 %
Max. torque	
at chuck	60 Ncm
Speed range	50 - 2.000 rpm
Speed display	digital
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	11 mm
Diameter / length of extension arm	16 mm / 200 mm
Dimensions (W x D x H)	80 x 190 x 253 mm
Weight	3,8 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
Interface	RS 232 / analog
Torque measurement	trend

Ident. No.	Ident. No.
2600000 230 V 50/60 Hz	2600001 115 V 50/60 Hz

IKA® Mixing

Electronic overhead stirrers



Configuration example

1 **EUROSTAR power control-visc**
Stirrer for quantities up to 40 l, with RS 232 interface, page 30.

2 **R 1331**
Anchor stirrer, page 36.

3 **R 2723**
Telescopic stand, page 106.

4 **R 271**
Boss head clamp, page 108.

5 **RH 5**
Strap clamp, page 108.

6 **labworldsoft®**
Laboratory software for control and data collection, page 131.

7 **PC 1.5**
Cable, page 136.

8 **PCI 8.2**
Plug-in card for mounting in the PC to control up to 8 instruments, page 135.

IKA® Mixing

Electronic overhead stirrers



EUROSTAR power control-visc 6000

High-performance digital laboratory stirrer for tasks up to the "medium viscosity" range.

Same features as EUROSTAR power control-visc (page 30), additionally:

- Speed range up to 6.000 rpm
- Agitator elements are not push-through
- Cone seat for precision shaft, incl. with delivery (stirring elements can be screw connected, please order separately)
- Analog output of speed and torque

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), RH 5 Strap clamp (108), R 301 Stirring shaft protection (38), R 1402 Dissolver (68), R 1405 Propeller (68), R 1401 Propeller, labworldsoft® (131), RC 1 Remote control (39), AM 1 Analog module (112)

Available 3. quarter 2005

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating input / output	130 / 110 W
Output at stirring shaft	105 W
Max. ON-time	100 %
Max. torque at chuck	15 Ncm
Speed range	150 - 6.000 rpm
Speed display	digital
Diameter / length of extension arm	16 mm / 220 mm
Dimensions (W x D x H)	80 x 190 x 317 mm
Weight	4,8 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
Interface	RS 232 / analog
Torque measurement	trend

Ident. No.	Ident. No.
3460000	3460001
230 V 50/60 Hz	115 V 50/60 Hz



EUROSTAR power control-visc P1

Powerful, digital laboratory stirrer for tasks up to the "high viscosity" range.

- Constant speed by microprocessor control
- Infinitely adjustable without gear shifting
- Slim casing
- Quiet operation
- Safety circuit
- Non-locking, overload capabilities
- Push-through agitator shafts
- Enhanced safety as a result of smooth start
- Digital display presents rated- and actual-speed
- Integrated torque trend display for viscosity control
- Analog interface for recording speed and torque
- RS 232 interface
- Software labworldsoft® is available to control and document all measuring values via PC

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), RH 5 Strap clamp (108), VK 600 control Torque measurement instrument (129), R 301 Stirring shaft protection (38), Stirring elements (36/37): e. g. R 1331, R 1312, labworldsoft® (131), RC 1 Remote control (39), AM 1 Analog module (112)

Overhead stirrer	
Stirring quantity (H ₂ O)	60 l
Max. viscosity	70.000 mPas
Motor rating input / output	153 / 134 W
Output at stirring shaft	126 W
Max. ON-time	100 %
Max. torque at chuck	100 Ncm
Speed range	50 - 1.200 rpm
Speed display	digital
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	11 mm
Diameter / length of extension arm	16 mm / 200 mm
General data	
Dimensions (W x D x H)	80 x 190 x 253 mm
Weight	4 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
Interface	RS 232 / analog
Torque measurement	trend

Ident. No.	Ident. No.
3330000	3330001
230 V 50/60 Hz	

IKA® Mixing

Electronic overhead stirrers



EUROSTAR power control-visc P4
EUROSTAR power control-visc P7
 Laboratory stirrer with a high torque. Same features as EUROSTAR power control-visc P1, but with 4-fold resp. 7-fold transmission reduction and without push-through agitator shafts.

Accessories (Page):
 Stands (106): R 2722, R 1826, R 2723, R 271 Boss head clamp (108), RH 5 Strap clamp (108), VK 600 control Torque measurement instrument (129), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1331, R 1312, labworldsoft® (131), RC 1 Remote control (39), AM 1 Analog module (112)

EUROSTAR power control-visc P4	
Transmission reduction	4-fold
Stirring quantity (H ₂ O)	40 l
Max. viscosity	100.000 mPas
Max. torque at chuck	200 Ncm
Speed range	14 - 530 rpm
Dimensions (W x D x H)	80 x 190 x 330 mm
Weight	4,9 kg
EUROSTAR power control-visc P7	
Transmission reduction	7-fold
Stirring quantity (H ₂ O)	40 l
Max. viscosity	150.000 mPas
Max. torque at chuck	380 Ncm
Speed range	8 - 290 rpm
Dimensions (W x D x H)	80 x 190 x 330 mm
Weight	4,9 kg

	Ident. No.	230 V 50/60 Hz	Ident. No.	115 V 50/60 Hz
P4	2850000		2850001	
P7	2850700		2850701	

Mechanical overhead stirrers



RW 20.n
 Sturdy, slim stirrer - for years worldwide laboratory bestseller.

- For stirring tasks up to 20 l (H₂O)
- With constant power-drive, mechanically controlled
- Two speed ranges for universal use from 60 - 2.000 rpm
- Push-through agitator shafts
- Revolution counter DZM control.o may be connected

Accessories (Page):
 Stands (106): R 1825, R 1826, R 1827, R 182 Boss head clamp (108), FK 1 Flexible coupling (38), RH 3 Strap clamp (108), VK 600 control Torque measurement instrument (129), DZM control.o Revolution counter (111), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1373, R 1332, VK 60/01 Adapter (129)

Stirring quantity (H ₂ O)	20 l
Max. viscosity	10.000 mPas
Motor rating input / output	70 / 35 W
Output at stirring stirring shaft	26 W
Max. ON-time	100 %
Max. torque at chuck	
per 60 rpm	300 Ncm
per 100 rpm	150 Ncm
per 1,000 rpm	24 Ncm
Speed range I (50 Hz)	60 - 500 rpm
Speed range II (50 Hz)	240 - 2.000 rpm
Speed range I (60 Hz)	72 - 600 rpm
Speed range II (60 Hz)	288 - 2.400 rpm
Speed display	scale
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	10,5 mm
Diameter / length of extension arm	13 mm / 160 mm
Dimensions (W x D x H)	88 x 188 x 292 mm
Weight	2,9 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 20

	Ident. No.	230 V 50/60 Hz	Ident. No.	115 V 50/60 Hz
	2684600		2684601	

IKA® Mixing

Mechanical overhead stirrers



RW 20 DZM.n

Sturdy, slim stirrer with an integrated digital speed display.

- For stirring tasks up to 20 l (H₂O)
- With constant power-drive, mechanically controlled
- Two speed ranges for universal use from 60 - 2.000 rpm
- Push-through agitator shafts

Accessories (Page):

Stands (106): R 1825, R 1826, R 1827, R 182 Boss head clamp (108), FK 1 Flexible coupling (38), RH 3 Strap clamp (108), VK 600 control Torque measurement instrument (129), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1373, R 1332, VK 60/01 Adapter (129)

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. ON-time	100 %
Max. torque at chuck	
per 60 rpm	300 Ncm
per 100 rpm	150 Ncm
per 1.000 rpm	24 Ncm
Speed range I (50 Hz)	60 - 500 rpm
Speed range II (50 Hz)	240 - 2.000 rpm
Speed range I (60 Hz)	72 - 600 rpm
Speed range II (60 Hz)	288 - 2.400 rpm
Speed display	digital
Chuck range	0,5 - 10 mm
Hollow shaft, inner diameter	10,5 mm
Diameter / length of extension arm	13 mm / 160 mm
Dimensions (W x D x H)	88 x 210 x 292 mm
Weight	3,1 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 20

Ident. No.	Ident. No.
2684700 230 V 50/60 Hz	2684701 115 V 50/60 Hz



RW 28 basic

Powerful, mechanically controlled stirrer. Suitable for quantities up to 80 l (H₂O) for use in laboratories and pilot plant stations.

- Two selectable speed ranges for high viscosity (range I) or intensive mixing (range II)
- Push-through agitator elements
- Ex-proof version available on request

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), FK 1 Flexible coupling (38), RH 5 Strap clamp (108), R 301 Stirring shaft protection (38), Stirring elements (36/37): e.g. R 1345, R 1300, R 301.1 Support holder (38)

Stirring quantity (H ₂ O)	80 l
Max. viscosity	50.000 mPas
Motor rating	
input / output	220 / 90 W
Output at stirring shaft	90 W
Max. ON-time	100 %
Max. torque at chuck	
per 60 rpm	1.144 Ncm
per 100 rpm	900 Ncm
per 1.000 rpm	86 Ncm
Speed range I (50 Hz)	60 - 400 rpm
Speed range II (50 Hz)	240 - 1.400 rpm
Speed range I (60 Hz)	72 - 480 rpm
Speed range II (60 Hz)	288 - 1.680 rpm
Speed display	scale
Chuck range	1 - 10 mm
Hollow shaft diameter	10,5 mm
Diameter / length of extension arm	16 mm / 145 mm
Dimensions (W x D x H)	123 x 252 x 364 mm
Weight	7,4 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

Ident. No.	Ident. No.
2760000 230 V 50/60 Hz	2760001 115 V 50/60 Hz

IKA® Mixing

Mechanical overhead stirrers



RW 28 D

Powerful, mechanically controlled stirrer with AC motor and high IP protection class. Suitable for quantities up to 80 l (H₂O) for use in laboratories and pilot plant stations.

- Two selectable speed ranges for high viscosity (range I) or intensive mixing (range II)
- Agitator elements are not push-through
- Cables with plugs not included in delivery

Accessories (Page):

Stands (106): R 2722, R 2723, R 271 Boss head clamp (108), RH 5 Strap clamp (108), R 301 Stirring shaft protection (38), Stirring elements (36/37): e. g. R 1345, R 1301, R 301.1 Support holder (38)

Overhead stirrer	
Stirring quantity (H ₂ O)	80 l
Max. viscosity	50.000 mPas
Motor rating	
input / output	270 / 180 W
Output at stirring shaft	135 W
Max. ON-time	100 %
Max. torque at chuck	
per 60 rpm	1.515 Ncm
per 100 rpm	911 Ncm
per 1.000 rpm	91 Ncm
Speed range I (50 Hz)	40 - 370 rpm
Speed range II (50 Hz)	120 - 1.400 rpm
Speed range I (60 Hz)	48 - 444 rpm
Speed range II (60 Hz)	144 - 1.680 rpm
Speed display	scale
Chuck range	1 - 10 mm
Diameter / length of extension arm	16 mm / 160 mm
General data	
Dimensions (W x D x H)	140 x 279 x 468 mm
Weight	9,3 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 54

Ident. No.	Ident. No.
3297000 3 x 400 V 50 Hz	3297006 3 x 230 V 60 Hz

RW 47 D

The most powerful IKA® stirrer for laboratories, pilot plant stations and small-scale production.

- For stirring tasks up to 200 l (H₂O)
- Two speed ranges for highly viscous media and intensive mixing
- Cables with plugs not included in delivery

Accessories (Page):

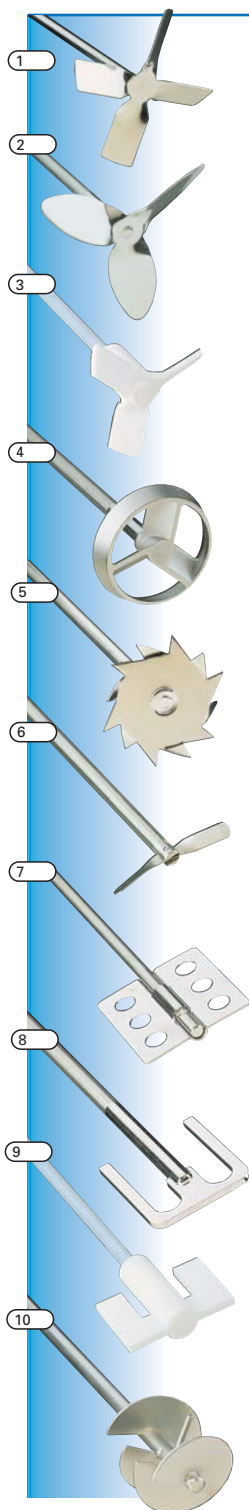
R 472 Floor stand (107), R 474 Telescopic stand (107), R 302 Shaft protection (38), Stirring elements (36/37): e.g. R 2305, R 2311, SI 400 Safety switch (39), Fixing devices (39): SI 472, SI 474



Stirring quantity (H ₂ O)	200 l
Max. viscosity	100.000 mPas
Motor rating	
input / output	513 / 370 W
Output at stirring shaft	300 W
Max. ON-time	100 %
Max. torque at chuck	
per 60 rpm	4.642 Ncm
per 100 rpm	3.000 Ncm
per 1.000 rpm	285 Ncm
Speed range I (50 Hz)	57 - 275 rpm
Speed range II (50 Hz)	275 - 1.300 rpm
Speed range I (60 Hz)	69 - 330 rpm
Speed range II (60 Hz)	330 - 1.560 rpm
Speed display	scale
Chuck range	3 - 16 mm
Hollow shaft, inner diameter	13 mm
Fixing	flange
Dimensions (W x D x H)	145 x 340 x 445 mm
Weight	15 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 54

Ident. No.	Ident. No.
1602000 3 x 400 V 50 Hz	1602010 3 x 230 V 60 Hz

Stirring elements (stainless steel AISI 316L)



		Stirrer Ø	Shaft Ø	Shaft length	
	Ident. No.				
1	Propeller stirrer, 4-bladed				
	R 1342	0741000	50 mm	8 mm	350 mm
	R 1345	0741300	100 mm	8 mm	540 mm
	R 2305	0739300	150 mm	13 mm	550 mm
	R 2302	0739000	150 mm	13 mm	800 mm
2	Propeller stirrer, 3-bladed				
	R 1381	1296000	45 mm	8 mm	350 mm
	R 1382	1295900	55 mm	8 mm	350 mm
	R 1385	0477700	140 mm	10 mm	550 mm
	R 1388	0477800	140 mm	10 mm	800 mm
3	R 1389 (PTFE-coated)	2343600	75 mm	8 mm	350 mm
4	Turbine stirrer				
	R 1311	2332900	30 mm	8 mm	350 mm
	R 1312	2333000	50 mm	8 mm	350 mm
	R 1313	2333100	70 mm	10 mm	400 mm
5	Dissolver stirrer				
	R 1300	0513500	80 mm	8 mm	350 mm
	R 1302	2387900	100 mm	10 mm	350 mm
	R 1303	2746700	42 mm	8 mm	350 mm
6	Centrifugal stirrer				
	R 1352	0756900	60 / 15 mm	8 mm	350 mm
	R 1355	1132700	100 / 24 mm	8 mm	550 mm
7	Paddle stirrer				
	R 1373	0757600	70 mm	8 mm	350 mm
	R 1375	0757700	70 mm	8 mm	550 mm
	R 1376	0757800	150 mm	10 mm	550 mm
	R 2311	0739500	150 mm	13 mm	800 mm
8	Anchor stirrer				
	R 1330	2022300	45 mm	8 mm	350 mm
	R 1331	2022400	90 mm	8 mm	350 mm
9	R 1332 (PTFE-coated)	2343700	60 mm	8 mm	350 mm
	R 1333	2747400	150 mm	10 mm	550 mm
10	Kneading stirrer				
	R 1335	2022500	45 mm	8 mm	350 mm

Propeller stirrer, 4-bladed

Standard stirring element. For drawing the material to be mixed from the top to the bottom. Local shearing forces. Generates axial flow in the vessel. Used at medium to high speeds.

Propeller stirrer, 3-bladed

Flow-efficient design. For drawing the material to be mixed from the top and the bottom. Minimum shearing forces. Used at medium to high speeds.

Turbine stirrer

For drawing the material to be mixed from above. Generates axial flow in the vessel. Minimum danger of injury when contact is made with vessel. Minimum shearing forces. Used at medium to high speeds.

Dissolver stirrer

Radial flow, for drawing the material to be mixed from the top and the bottom. High turbulence, high shearing forces. Particle reduction. Used at medium to high speeds.

Application examples

Max. speed	RW 14 basic / RW 16 basic	EUROSTAR digital	EUROSTAR power basic / power control-visc / P1	EUROSTAR power control-visc P4 / P7	RW 20.n / RW 20 DZM.n	RW 28 basic / RW 28 D	RW 47 D	
2.000 rpm	•	•	•	•	•			R 1342
800 rpm			•	•		•	•	R 1345
1.300 rpm							•	R 2305
600 rpm							•	R 2302
2.000 rpm	•	•	•	•	•			R 1381
2.000 rpm	•	•	•	•	•			R 1382
800 rpm				•		•	•	R 1385
400 rpm				•		•	•	R 1388
800 rpm	•	•	•	•	•			R 1389
2.000 rpm	•	•	•	•	•			R 1311
2.000 rpm	•	•	•	•	•			R 1312
800 rpm			•	•		•		R 1313
2.000 rpm		•	•		•	•		R 1300
1.000 rpm			•			•	•	R 1302
2.000 rpm	•	•	•		•			R 1303
2.000 rpm	•	•	•		•			R 1352
800 rpm			•			•	•	R 1355
1.000 rpm		•	•	•	•	•		R 1373
800 rpm			•	•	•	•		R 1375
800 rpm				•		•	•	R 1376
600 rpm							•	R 2311
1.000 rpm	•	•	•	•	•			R 1330
1.000 rpm			•	•		•		R 1331
800 rpm	•	•	•	•	•	•		R 1332
800 rpm				•		•	•	R 1333
2.000 rpm	•	•	•	•	•			R 1335

Centrifugal stirrer

Two-bladed, blades open with increasing speed. For stirring in round vessels with narrow necks. Effect is similar to that of a 4-bladed propeller stirrer. Medium to high speeds required.

Paddle stirrer

Tangential flow, minimum turbulence, good heat exchange, gentle treatment of product. Used at low to medium speeds.

Anchor stirrer

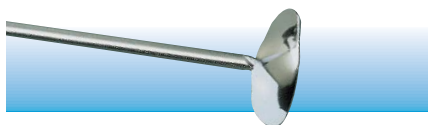
Tangential flow, high shearing rate at edges, minimum deposits on the vessel wall. Used at low speeds. Polymer reactions, even distribution of high mineral contents in liquids. The ideal stirrer for medium to highly viscous fluids.

Kneading stirrer

Tangential flow with oscillating compacting between the kneading surfaces. Minimum deposits on vessel. Used at low speeds.

IKA® Mixing

Overhead stirrers accessories



R 1001 Paddle stirrer
Spare for use with RW 11 basic.

Shaft length	160 mm
Shaft Ø	4 mm
Stirrer Ø	34 mm

Ident. No.
0527400



R 1002 Screw-type stirrer
For use with RW 11 basic.

Shaft length	140 mm
Shaft Ø	4 mm
Stirrer Ø	12 mm

Ident. No.
0527500



FK 1 Flexible coupling
Required for stirring tasks using glass stirring rods. The flexible coupling compensates for any structural variances.

Clamping range	6 - 10 mm
Max. torque	10 Ncm

Ident. No.
2336000



R 301 Stirring shaft protection
Prevents potential injuries at the rotating shafts and stirring elements. Can be directly attached to the EUROSTARS, RW 16 basic and the RW 20 stirring motors.

Length adjustment	190 / 310 mm
Material	Plexiglass

R 301.1 Support holder
For fixing the stirring shaft protection R 301 to the stand.

Length	275 mm
Extension arm Ø	13 mm

Accessories (Page):
Boss head clamp (108): R 182, R 270

Ident. No.
2603000 R 301
2604000 R 301.1



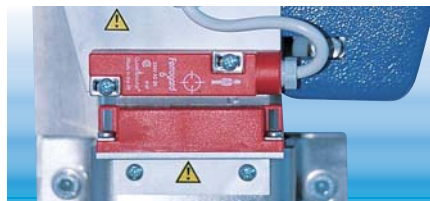
R 302 Stirring shaft protection
Prevents potential injuries due to the rotating shafts and stirring elements. Can be directly attached to the stirrer RW 47 D.

Dimensions (W x D x H)	139 x 99 x 250 mm
Material	Macrolon

Ident. No.
2953800

IKA® Mixing

Overhead stirrers accessories



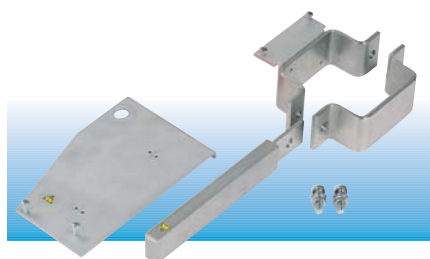
SI 400 Safety switch

The SI 400 consists of an end switch (normally closed contact / switch) and a magnetic switch contact (actuator) which is mounted on the floor stand R 472 with the fixing device SI 472 and on the telescopic stand R 474 with the fixing device SI 474. The stirring unit RW 47 can only be switched on through the SI 400, when the agitator is adjusted in the mixing vessel to the user designated height. The power of the RW 47 automatically shuts off if the stirring unit is lifted off the designated height.

Also suitable for dispersing instrument T 65 D ULTRA-TURRAX® (61).

Dimensions end switch (W x D x H)	84 x 19 x 16 mm
Dimensions switch contact (W x D x H)	73 x 10 x 19 mm
Contact	1 normally closed contact
Casing material	plastic (ABS)
Protection class according to DIN EN 60529	IP 67
Operating temperature	-10 - 65 °C
Voltage / current	max. 250 VAC / 2A
Accessories (Page):	
Fixing devices (39): SI 472, SI 474	

Ident. No.
3294800



SI 472 Fixing device

To attach the safety switch SI 400 to the floor stand R 472.

Dimensions	80 x 80 mm
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Ident. No.
3264000



SI 474 Fixing device

To attach the safety switch SI 400 to the telescopic stand R 474 and to the telescopic stand T 653 (for T 65 D ULTRA-TURRAX®).

Dimensions (W x D x H)	95 x 83 x 20 mm
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Ident. No.
3264400



RC 1 Remote control

Remote control to operate the EUROSTAR power control-visc (also P1, P4 and P7) over a 10 m cable.

- Provides problem-free control of stirrers even under load
- Displays actual speed, target speed and overload status

Power supply	2 rechargeable batteries
Max. cable length	10 m
Power consumption remote control	
Off-state	ca. 7 µA
On-state	ca. 7 mA
Dimensions (W x D x H)	65 x 140 x 30 mm
Weight (incl. battery)	0.3 kg

Ident. No.
3232000