

IKA® Mixing

Magnetic stirrers with heating



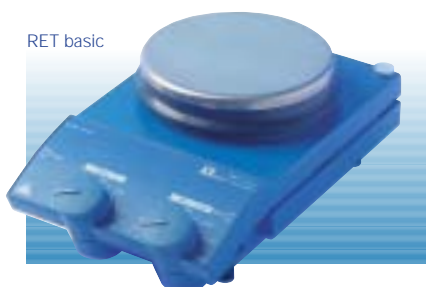
Configuration example

- 1** **RET basic C**
Magnetic stirrer with bushing for connecting a contact thermometer, page 7. Incl. protection cover H 99, page 17.
- 2** **ETS-D 4 fuzzy**
Electronic contact thermometer with fuzzy logic control, page 15.
- 3** **H 62**
Stainless steel temperature sensor for ETS-D4 fuzzy. Incl. with ETS-D 4 fuzzy, page 15.
- 4** **H 16 V**
Support rod for attachment to the magnetic stirrer, page 17.
- 5** **H 36**
Holding rod for the ETS-D4 fuzzy or the sensor H 62, page 17.
- 6** **H 44**
Boss head clamp, page 17.
- 7** **R 380**
Stand support, page 17.

IKA® Mixing

Magnetic stirrers with heating

RET basic



RET basic + RET basic C IKAMAG®

Newly improved magnetic stirrer with sophisticated heating and stirring technologies. The RET basic (with stainless steel surface) and the RET basic C (with white coated surface, chemical resistant) are exemplified by:

- Extremely fast heating times
- Very broad temperature range (RT - 340 °C)
- Adjustable safety circuit (50 - 380 °C)
- Electronic speed control
- Speed range from 0 - 1,500 rpm
- Bushing according to DIN 12878 for the use of contact thermometers (e.g. ETS-D 4 fuzzy)
- Incl. protection cover H 99

Accessories (Page):

ETS-D 4 fuzzy Electronic contact thermometer (15), IKAFLON® Stirring bars (19), TRIKA® Stirring bars (19), RS 1 Set of stirring bars (19), RSE Stirring bar remover (19), R 380 Stand support (17), Bath attachments (18): H 15, H 28, Oil bath attachments (18): H 29, H 30

RET basic C



Magnetic stirrer	
Stirring quantity (H ₂ O)	20 l
Motor rating	
input / output	12 / 5 W
Speed display	scale
Speed range	0 - 1,500 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Heating function	
Heat output	600 W
Heating rate (1 l H ₂ O)	7 K/min
Temperature range	RT - 340 °C
Setting accuracy	± 10 K
Adjustable safety circuit	50 - 380 °C
Sensor for	
temperature in medium	ETS-D 4 fuzzy
Control accuracy with sensor	± 1 K
Heating plate	
Material	RET basic: stainless steel
	RET basic C: stainless steel white coated
Dimensions	Ø = 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 85 mm
Weight	2.7 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42



	Ident. No.		Ident. No.
RET basic	3188800	230 V 50/60 Hz	3188801 115 V 50/60 Hz
RET basic C	3197600	230 V 50/60 Hz	3197601 115 V 50/60 Hz

RCT basic IKAMAG®

Low profile, magnetic stirrer with heating and bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D 4 fuzzy. Safety circuit fixed at 370 °C.

- World-wide best seller
- Enclosed assembly guarantees long service life
- Incl. protection cover H 99

Accessories (Page):

ETS-D 4 fuzzy Electronic contact thermometer (15), IKAFLON® Stirring bars (19), TRIKA® Stirring bars (19), RS 1 Set of stirring bars (19), RSE Stirring bar remover (19), R 380 Stand support (17), Bath attachments (18): H 15, H 28, Oil bath attachments (18): H 29, H 30



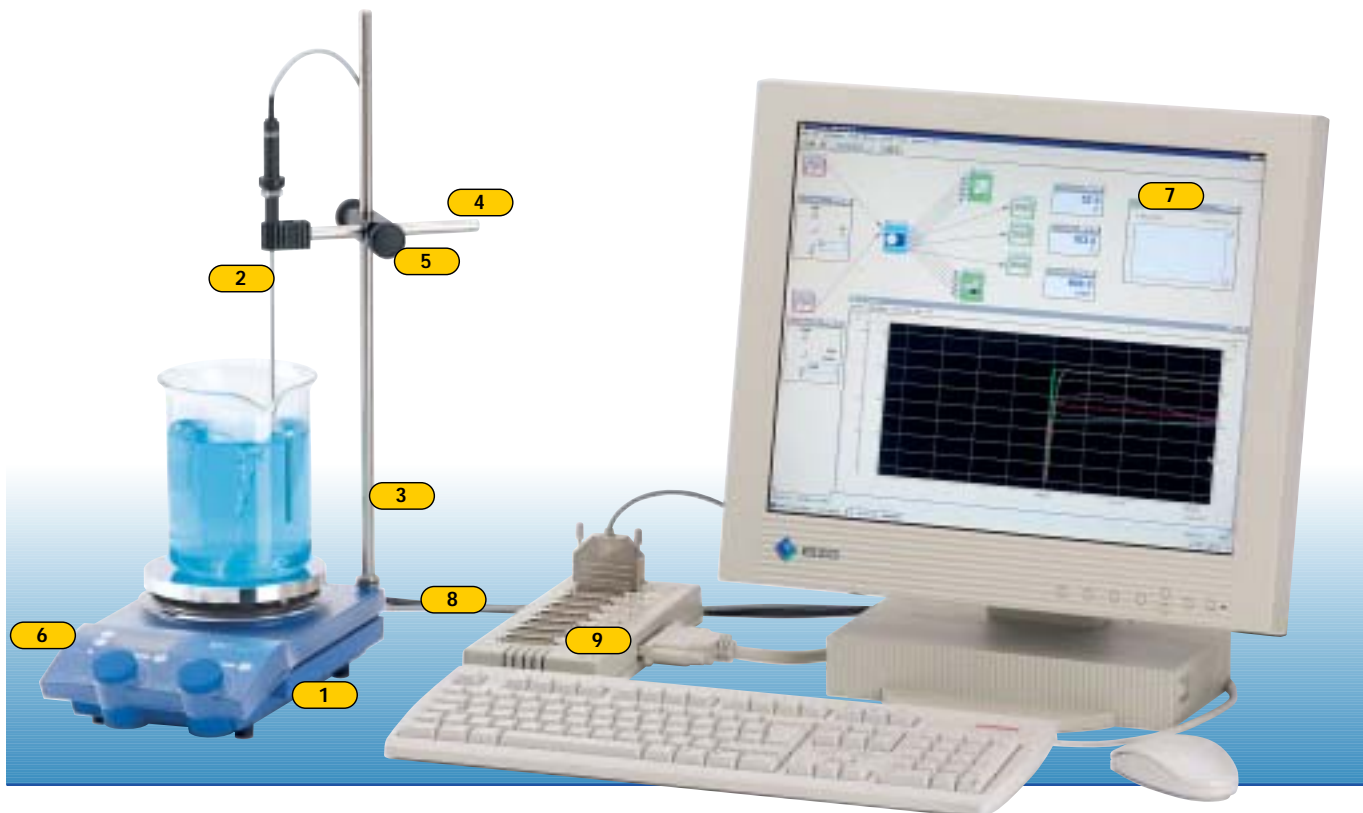
Magnetic stirrer	
Stirring quantity (H ₂ O)	20 l
Motor rating	
input / output	12 / 5 W
Speed display	scale (1 - 10)
Speed range	0 - 1,100 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Heating function	
Heat output	600 W
Heating rate (1 l H ₂ O)	6 K/min
Temperature range	RT - 300 °C
Setting accuracy	± 10 K
Fixed safety circuit	370 °C
Sensor for	
temperature in medium	ETS-D 4 fuzzy
Control accuracy with sensor	± 1 K
Heating plate	
Material	silumin
Dimensions	Ø = 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 90 mm
Weight	2.4 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42



	Ident. No.		Ident. No.
	2581000	230 V 50/60 Hz	2581001 115 V 50/60 Hz

IKA® Mixing

Magnetic stirrers with heating



Configuration Example

- | | |
|--|--|
| <p>1 RET control-visc
Safety magnetic stirrer with RS 232 interface, page 9. Incl. protection cover H 99, page 17.</p> | <p>6 H 99
Protection cover included with RET control-visc, page 17.</p> |
| <p>2 PT 100.50
Temperature sensor for RET control-visc, page 16.</p> | <p>7 labworldsoft®
Laboratory software for control and data collection, page 115.</p> |
| <p>3 H 16 V
Support rod for attachment to the magnetic stirrer, page 17.</p> | <p>8 PC 1.5
Cable, page 120.</p> |
| <p>4 H 36
Holding rod for casing of the PT 100.50 sensor, page 17.</p> | <p>9 PCI 8.2
Plug-in card for mounting in the PC to control up to 8 instruments, page 119.</p> |
| <p>5 H 44
Boss head clamp, page 17.</p> | |

IKA® Mixing

Magnetic stirrers with heating



RET control-visc IKAMAG®

Safety magnetic stirrer with heating, suitable for unsupervised operation. Software labworldsoft® is available to control, regulate and document temperature, speed and torque trend parameters.

- Fuzzy logic control and microprocessor technology guarantee maximum control accuracy
- Medium temperature controlled via PT 100 sensor (must be ordered separately)
- Digital display
- Analog interface for recording speed, temperature and viscosity trend changes
- Optical warning to indicate a hot heating plate
- 3 Modes of operation, e.g. stirring and heating functions can be secured against inadvertent changes of set parameters
- Enclosed assembly guarantees long service life
- RS 232 and analog interface
- Incl. protection cover H 99

Magnetic stirrer	
Stirring quantity (H ₂ O)	20 l
Motor rating	
input / output	12 / 5 W
Speed display	digital
Speed range	0 - 1,100 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Heating function	
Heat output	600 W
Heating rate (1 l H ₂ O)	6 K/min
Temperature range	RT - 300 °C
Setting accuracy	± 1 K
Fixed safety circuit	370 °C
Variable safety circuit	100 - 300 °C
Sensor for	
temperature in medium	PT 100
Control accuracy with sensor	± 0.2 K
Heating plate	
Material	silumin
Dimensions	Ø = 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 90 mm
Weight	2.8 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
Interface	RS 232 / analog

Accessories (Page):

Temperature sensors (16): PT 100.50, PT 100.51, IKAFLON® Stirring bars (19), TRIKA® Stirring bars (19), RS 1 Set of stirring bars (19), RSE Stirring bar remover (19), R 380 Stand support (17), Bath attachments (18): H 15, H 28, Oil bath attachments (18): H 29, H 30, labworldsoft® (115), AM 1 Analog module (96)



Ident. No.	Ident. No.
2673100 230 V 50/60 Hz	2673101 115 V 50/60 Hz



RH-KT C IKAMAG®

NEW universal magnetic stirrer with heating and bushing according to DIN 12878 for connecting an electronic temperature controller, e.g. ETC 1.

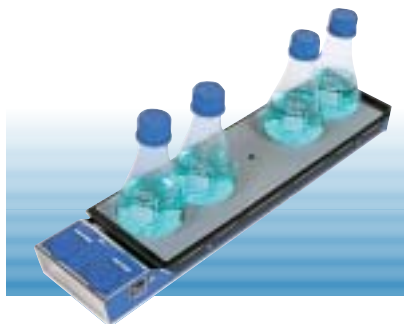
- Adjustable safety circuit for heating plate temperature
- Outstanding chemical resistance due to white coated heating plate

Accessories (Page):

ETC 1 Electronic temperature controller (16), IKAFLON® Stirring bars (19), TRIKA® Stirring bars (19), RSE Stirring bar remover (19), Bath attachments (18): H 15, H 28

Magnetic stirrer	
Stirring quantity (H ₂ O)	10 l
Motor rating	
input / output	12 / 2 W
Speed display	scale (1 - 7)
Speed range	0 - 2,000 rpm
Max. magnetic bar (L x Ø)	50 x 8 mm
Heating function	
Heat output	400 W
Heating rate (1 l H ₂ O)	3 K/min
Temperature range	RT - 340 °C
Adjustable safety circuit	100 - 400 °C
Sensor for	
temperature in medium	ETC 1
Control accuracy with sensor	± 3 K
Heating plate	
Material	stainless steel white coated
Dimensions	Ø = 125 mm
General data	
Dimensions (W x D x H)	168 x 220 x 105 mm
Weight	2.5 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 21
Ident. No.	Ident. No.
3208600 230 V 50/60 Hz	3208601 115 V 50/60 Hz

Multi-position magnetic stirrers with heating



RT 5 power IKAMAG®

The RT 5 power is a high-performance multi-position magnetic stirrer with 5 stirring positions and integrated temperature control plate. Precise temperature distribution on the heating plate makes it possible to perform series experiments.

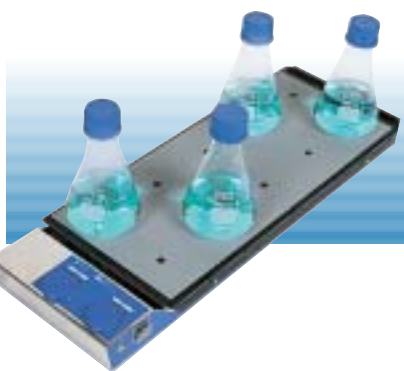
- Simultaneously operating stirrers
- Absolute consistency over sample conditions for the individual samples

Accessories (Page):

IKAFLO[®] Stirring bar (19),
 TRIKA[®] Stirring bar (19),
 RSE Stirring bar remover (19)

Magnetic stirrer	
Stirring positions	5
Max. stirring quantity per stirrer (H ₂ O)	0.4 l
Distance between stirring places	90 mm
Motor rating input / output	7.2 W / 1,8 W
Speed display scale (1 - 10)	scale (1 - 10)
Speed range	0 - 1,100 rpm
Deviation for individual stirring positions	5 %
Max. magnetic bar (L x Ø)	30 x 8 mm
Heating function	
Heat output	175 W
Temperature range	RT - 120 °C
Heat control scale (1 - 10)	scale (1 - 10)
Temperature consistency in the medium	± 2 K
Heating plate	
Material	silicone
Dimensions	135 x 450 mm
General data	
Dimensions (W x D x H)	138 x 552 x 65 mm
Weight	3 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

Ident. No.	Ident. No.
2930300 230 V 50/60 Hz	2930301 115 V 50/60 Hz



RT 10 power IKAMAG®

Same features as RT 5 power, but with 10 stirring positions.

Accessories (Page):

IKAFLO[®] Stirring bars (19),
 TRIKA[®] Stirring bars (19),
 RSE Stirring bar remover (19)

Magnetic stirrer	
Stirring positions	10
Motor rating input / output	14.4 W / 3,6 W
Heating function	
Heat output	375 W
Heating plate	
Dimensions	195 x 450 mm
General data	
Dimensions (W x D x H)	198 x 552 x 65 mm
Weight	4.2 kg

Ident. No.	Ident. No.
2930500 230 V 50/60 Hz	2930501 115 V 50/60 Hz



RT 15 power IKAMAG®

Same features as RT 5 power, but with 15 stirring positions

Accessories (Page):

IKAFLO[®] Stirring bars (19),
 TRIKA[®] Stirring bars (19),
 RSE Stirring bar remover (19)

Magnetic stirrer	
Stirring positions	15
Motor rating input / output	21.6 W / 5,4 W
Heating function	
Heat output	580 W
Heating plate	
Dimensions	285 x 450 mm
General data	
Dimensions (W x D x H)	288 x 552 x 65 mm
Weight	6 kg

Ident. No.	Ident. No.
2930700 230 V 50/60 Hz	2930701 115 V 50/60 Hz

Multi-position magnetic stirrers without heating

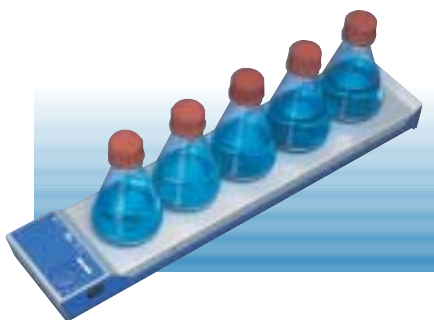
RO 5 power IKAMAG®

Multi-position magnetic stirrer with 5 stirring positions, without heating. The stainless steel surface covers the unit allowing easy cleaning and providing protection against the penetration of liquids.

- Optimum use of laboratory space
- Including removable PUR cover

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RSE Stirring bar remover (19)



Magnetic stirrer	
Stirring positions	5
Max. stirring quantity per stirrer (H ₂ O)	0.4 l
Distance between stirring places	90 mm
Motor rating	
input / output	7.2 W / 1.8 W
Speed display	scale (1 - 10)
Speed range	0 - 1,100 rpm
Deviation for individual stirring positions	5 %
Max. magnetic bar (L x Ø)	30 x 8 mm
Set-up plate	
Material	stainl. steel (1.4301)
Dimensions	120 x 450 mm
General data	
Dimensions (W x D x H)	122 x 552 x 65 mm
Weight	2.3 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

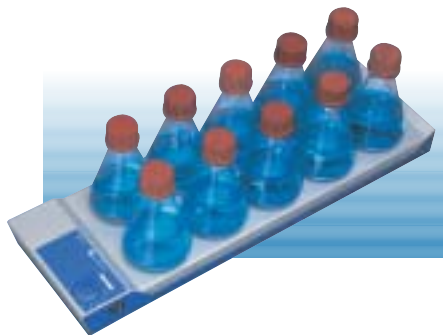
Ident. No.	Ident. No.
2930200 230 V 50/60 Hz	2930201 115 V 50/60 Hz

RO 10 power IKAMAG®

Same features as RO 5 power, but with 10 stirring positions.

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RSE Stirring bar remover (19)



Magnetic stirrer	
Stirring positions	10
Motor rating	
input / output	14.4 W / 3.6 W
Set-up plate	
Dimensions	180 x 450 mm
General data	
Dimensions (W x D x H)	182 x 552 x 65 mm
Weight	3.2 kg

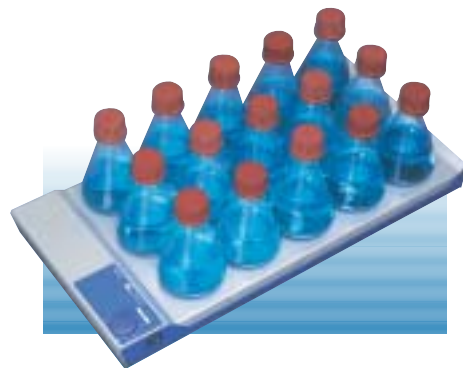
Ident. No.	Ident. No.
2930400 230 V 50/60 Hz	2930401 115 V 50/60 Hz

RO 15 power IKAMAG®

Same features as RO 5 power, but with 15 stirring positions.

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RSE Stirring bar remover (19)



Magnetic stirrer	
Stirring positions	15
Motor rating	
input / output	21.6 W / 5.4 W
Set-up plate	
Dimensions	270 x 450 mm
General data	
Dimensions (W x D x H)	272 x 552 x 65 mm
Weight	4.7 kg

Ident. No.	Ident. No.
2930600 230 V 50/60 Hz	2930601 115 V 50/60 Hz

IKA® Mixing

Magnetic stirrers without heating



Mini MR standard IKAMAG®
Magnetic stirrer without heating, for stirring quantities up to 800 ml (H₂O).

- Infinitely variable speed from 0 - 1,500 rpm
- White set-up plate suitable for observing color reactions

Accessories (Page):
IKAFLON® Stirring bars (19),
TRIKA® Stirring bars (19),
RSE Stirring bar remover (19)

Magnetic stirrer	
Stirring quantity (H ₂ O)	0.8 l
Motor rating	
input / output	2 / 1 W
Display	none
Speed range	0 - 1,500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm
Set-up plate	
Material	polyester
Dimensions	115 x 115 mm
General data	
Dimensions (W x D x H)	115 x 130 x 40 mm
Weight	0.23 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 42

Ident. No.
2677000 100 - 240 V 50/60 Hz



COLOR SQUID IKAMAG®
Small magnetic stirrers without heating, in a variety of motifs.

- Recyclable materials
- Very good chemical resistance due to glass top and synthetic bottom made of Hytre![®]
- Electronically controlled motor with infinitely variable speed from 0 - 1,500 rpm

Accessories (Page):
IKAFLON® Stirring bars (19),
TRIKA® Stirring bars (19),
RSE Stirring bar remover (19)



Magnetic stirrer	
Stirring quantity (H ₂ O)	0.8 l
Motor rating	
input / output	2 / 1 W
Display	none
Speed range	0 - 1,500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm
Set-up plate	
Material	glass
Dimensions	Ø = 110 mm
General data	
Dimensions (W x D x H)	130 x 135 x 50 mm
Weight	0.48 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 54

Ident. No.	Motif	Ident. No.	Motif
100 - 240 V 50/60 Hz	2669923 Goldfish	2669917	Number one
	2669925 Lab-Chief	2669922	Wildcat
	2669935 Harry	2669913	Zip
	2669936 Mighty Mouse	2669926	Squiddy
	2669924 Sheriff	2669910	Harry's notes



IKA® Mixing

Magnetic stirrers without heating



KMO 2 basic IKAMAG®

Small, powerful magnetic stirrer without heating.

- Strong magnetic field
- Motor with optoelectronic speed control
- Infinitely variable speed from 0 - 1,100 rpm
- Stainless steel casing facilitates cleaning and sterilization
- Includes M 10 thread for H 16 V support rod

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RS 1 Set of stirring bars (19),
 RSE Stirring bar remover (19),
 H 16 V Support rod (17)

Magnetic stirrer

Stirring quantity (H ₂ O)	5 l
Motor rating	
input / output	14 / 4 W
Display	scale
Speed range	0 - 1,100 rpm
Max. magnetic bar (L x Ø)	60 x 8 mm
Set-up plate	
Material	stainl. steel (1.4301)
Dimensions	140 x 120 mm
General Data	
Dimensions (W x D x H)	140 x 200 x 75 mm
Weight	1.4 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.	Ident. No.
2812000 230 V 50/60 Hz	2812001 115 V 50/60 Hz

BIG SQUID IKAMAG®

Magnetic stirrer in five motifs. Same features as COLOR SQUID, but with a larger set-up plate:

- Diameter: 160 mm
- Stirring quantity (H₂O) up to 1.5 l

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RSE Stirring bar remover (19)

Magnetic stirrer

Stirring quantity (H ₂ O)	1.5 l
Motor rating	
input / output	2 / 1 W
Display	none
Speed range	0 - 1,500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm
Set-up plate	
Material	glass
Dimensions	Ø = 160 mm
General Data	
Dimensions (W x D x H)	180 x 180 x 48 mm
Weight	1 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 54

Ident. No.	Motif	Ident. No.	Motif
100 - 240 V 50/60 Hz	3050009 White	3050005	IKAmäleon
	3050002 Froggy	3050004	Ocean
	3050001 Star		



IKA® Mixing

Magnetic stirrers without heating



REO basic C IKAMAG®

Classic magnetic stirrer without heating new designed. Outstanding chemical resistance due to the white coated heating plate.

- Non-locking, electronically controlled motor
- Constant speed even during changes in load
- Infinitely variable speed

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19),
 RS 1 Set of stirring bars (19),
 RSE Stirring bar remover (19),
 H 16 V Support rod (17),
 R 380 Stand support (17)



Magnetic stirrer	
Stirring quantity (H ₂ O)	20 l
Motor rating	
input / output	12 / 5 W
Speed display	scale
Speed range	0 - 1,500 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Set-up plate	
Material (stainl. steel)	white coated
Dimensions	Ø = 135 mm
General data	
Dimensions (W x D x H)	160 x 280 x 85 mm
Weight	2.5 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80%
Protection class acc. to DIN EN 60529	IP 42

Ident. No.	Ident. No.
3261100 230 V 50/60 Hz	3261101 115 V 50/60 Hz



Midi MR 1 digital IKAMAG®

Powerful magnetic stirrer without heating.

- Flat, sturdy stainless steel casing
- Non-locking motor
- Infinitely variable speed
- Digital LED speed display
- Timer (0 - 56 min) or continuous operation
- For stirring quantities up to 50 liters (H₂O)

Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19)

Magnetic stirrer	
Stirring quantity (H ₂ O)	50 l
Motor rating	
input / output	70 / 19 W
Speed display	digital
Speed range	0 - 1,000 rpm
Max. magnetic bar (L x Ø)	80 x 10 mm
Set-up plate	
Material	stainl. steel (1.4301)
Dimensions	350 x 350 mm
General data	
Dimensions (W x D x H)	360 x 430 x 110 mm
Weight	9 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.	Ident. No.
2621900 230 V 50/60 Hz	2621901 115 V 50/60 Hz

Maxi MR 1 digital IKAMAG®

Same features as Midi MR 1 digital.

- For stirring quantities up to 150 l (H₂O)



Accessories (Page):

IKAFLO® Stirring bars (19),
 TRIKA® Stirring bars (19)
 RSE Stirring bar remover (19)

Magnetic stirrer	
Stirring quantity (H ₂ O)	150 l
Motor rating	
input / output	80 / 35 W
Speed display	digital
Speed range	0 - 600 rpm
Max. magnetic bar (L x Ø)	155 x 27 mm
Set-up plate	
Material	stainl. steel (1.4301)
Dimensions	500 x 500 mm
General data	
Dimensions (W x D x H)	505 x 585 x 110 mm
Weight	16 kg
Permissible ambient temperature	5 - 40 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.	Ident. No.
2621800 230 V 50/60 Hz	2621801 115 V 50/60 Hz

IKA® Mixing

Magnetic stirrers accessories



ETS-D 4 fuzzy IKATRON®

Electronic contact thermometer with fuzzy logic control, incl. sensor H 62. For IKAMAG® magnetic stirrers and IKATHERM® heating plates with contact thermometer bushing according to DIN 12878. Ensures perfect temperature control without overshooting the set temperature, even in the case of quick heating.

Patented: 3 modes of operation guarantee optimum adjustment to your working method.

Operating mode A:

Suitable for work with varying parameters (from -10 °C to 400 °C).

Safety temperature adjustable.

Operating mode B:

Suitable for series operation under uniform conditions

Operating mode C:

Suitable for unsupervised operation. All values are taken from the memory. This ensures perfect protection against inadvertent or improper adjustment.

Sensor	PT 1000
Measuring / control range	- 10 - 400 °C
Temperature display	digital
Resolution	0.1 K (< 100 °C) 1 K (> 100 °C)
Setting accuracy	1 K
Control deviation	± 1 K
Analog output with H 52	100 °C = 1 V
Dimensions (W x D x H)	67 x 62 x 145 mm
Weight	0.2 kg
Permissible ambient temperature	0 - 60 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 44

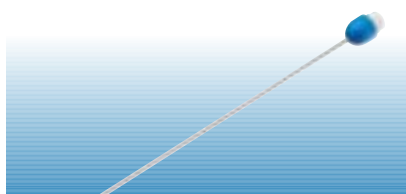
All IKAMAG® magnetic stirrers and IKATHERM® heating plates beginning with manufacturer's No. 466284 or with a "0" before the manufacturer's No. can be connected directly via the contact thermometer bushing acc. to DIN 12878. This applies for all IKA® devices manufactured since 1990.

Accessories (Page):

Sensors (15): H 62, H 66, H 70 Extension cable (15), H 52 Power pack set (16), H 16 V Support rod (17), H 44 Boss head clamp (17), H 36 Holding rod (17)

Ident. No.

2666600



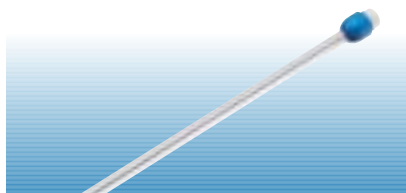
H 62 Stainless steel sensor

Spare sensor for use with ETS-D 4 fuzzy.

Depth of immersion	230 mm
Diameter	3 mm
Length	260 mm

Ident. No.

2735400



H 66 Stainless steel sensor, glass-coated

For use with ETS-D 4 fuzzy, for work with aggressive media such as acid and alkaline solutions.

Depth of immersion	230 mm
Diameter	6 mm
Length	260 mm

Ident. No.

2735500



H 70 Extension cable

To separate the casing from the sensor. The casing with the electronics may thus be kept away from dangerous vapor released by the medium (for use with ETS-D 4 fuzzy).

Length	1 m
--------	-----

Ident. No.

2735600

IKA® Mixing

Magnetic stirrers accessories



H 52 Power pack set

The power pack set is required in order to operate older magnetic stirrer models (prior to 1990) with ETS-D 4 fuzzy. If you have any questions, please contact our service department.

In addition, the power pack set features an analog output to document signals on a recorder.

Analog output	10 mV/K
Accessories (Page): labworldsoft® (115), DC 2 DATACONTROL (119), AK 2.1 Analog cable	
PC documentation is also possible in combination with DC 2 DATACONTROL and labworldsoft®.	

Ident. No.	Ident. No.
8010600 230 V 50/60 Hz	8010601 115 V 50/60 Hz



ETC 1 IKATRON®

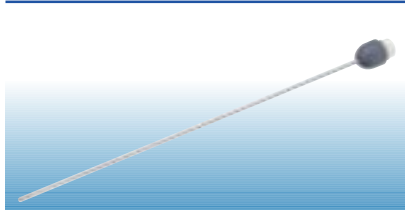
Special temperature controller for use with magnetic stirrer RH-KT C.

Accessories (Page):

H 62 ETC 1 Stainless steel sensor (16),
H 16 V Support rod (17), H 44 Boss head clamp (17),
H 36 Holding rod (17)

Sensor	PT 1000
Measuring / control range	0 - 350 °C
Temperature display	digital
Resolution	0.1 K (< 100 °C) 1 K (> 100 °C)
Setting accuracy	1 K
Control deviation	± 3 K
Dimensions (W x D x H)	67 x 62 x 145 mm
Weight	0.2 kg
Permissible ambient temperature	0 - 60 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 44

Ident. No.
3279000

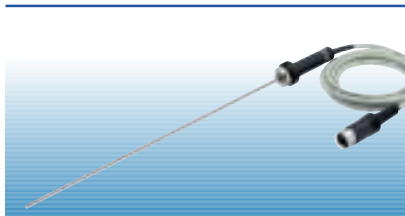


H 62 ETC 1 Stainless steel sensor

Spare sensor for use with ETC 1.

Depth of immersion	230 mm
Diameter	3 mm
Length	260 mm

Ident. No.
2735451



PT 100.50 Temperature sensor

For use with RET control-visc, made of stainless steel.

Depth of immersion	230 mm
Diameter	3 mm
Accessories (Page): H 16 V Support rod (17), H 44 Boss head clamp (17), H 36 Holding rod (17)	

Ident. No.
2601900



PT 100.51 Temperature sensor

For use with RET control-visc, glass-coated for work with aggressive media such as acid and alkaline solutions.

Depth of immersion	230 mm
Diameter	8 mm
Accessories (Page): H 16 V Support rod (17), H 44 Boss head clamp (17), H 36 Holding rod (17)	

Ident. No.
2600300

IKA® Mixing

Magnetic stirrers accessories



PT 100.52 Temperature sensor

For use with RET control-visc, made of stainless steel.

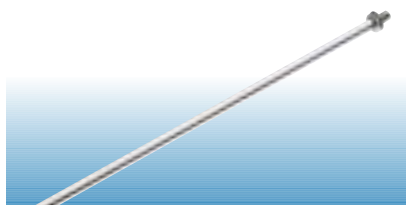
Accessories (Page:)

H 16 V Support rod (17), H 44 Boss head clamp (17), H 36 Holding rod (17)

Depth of immersion	60 mm
Diameter	3 mm

Ident. No.

2847700



H 16 V Support rod

Stainless steel support rod for all magnetic stirrers with M 10 threaded bushing.

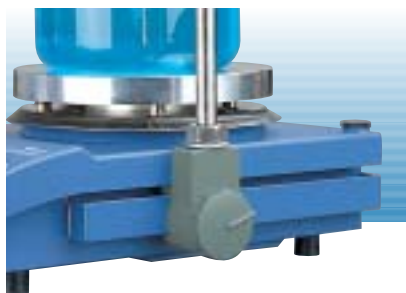
Accessories (Page:)

H 44 Boss head clamp (17), H 36 Holding rod (17), R 380 Stand support

Diameter	10 mm
Length	450 mm
Thread	M 10
Material	stainl. steel (1.4301)

Ident. No.

1545100



R 380 Stand support

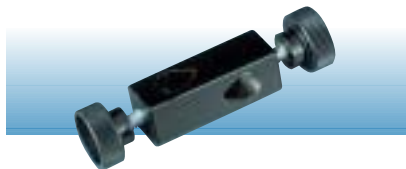
For fitting along the multifunction strips of the magnetic stirrers RCT basic, RET basic, RET basic C, RET control-visc and REO basic C. It allows the support rod H 16 V to be fixed at any given position. This makes it possible to use several support rods.

Accessories (Page:)

H 16 V Support rod (17)

Ident. No.

2636700

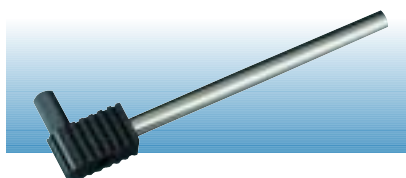


H 44 Boss head clamp

For fastening the holding rod H 36 to the support rod H 16 V.

Ident. No.

2437700



H 36 Holding rod

For fastening ETS-D 4 fuzzy or ETC 1 to the support rod H 16 V.

Ident. No.

2288000



H 99 Protective cover

For the magnetic stirrers RCT basic, RET basic, RET basic C, RET control-visc (included in delivery).

- Resistant to most acids, alkaline solutions and organic solvents

Material	silicone
Max. temperature	135 °C

Ident. No.

2734500

IKA® Mixing

Magnetic stirrers accessories



H 15 Bath attachment
Stainless steel bath attachment, suitable for tempering 0.5 and 1 l flasks.

Inner diameter	140 mm
Height	125 mm
Volume	1.5 l

Ident. No.
0551300



H 28 Bath attachment
Low stainless steel bath attachment, suitable as a sand bath basin.

Inner diameter	140 mm
Height	70 mm
Volume	1 l
Max. temperature	350 °C

Ident. No.
2167400

Oil bath attachments

H 29

H 30

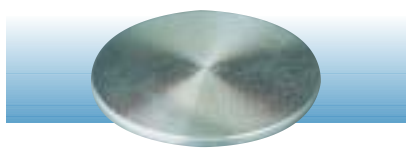
Inner diameter	136 - 180 mm
Height	81 mm
Volume	1 l
Inner diameter	136 - 190 mm
Height	110 mm
Volume	1.5 l

The oil bath attachments H 29 and H 30 can be used as oil baths together with an IKAMAG® magnetic stirrer with heating or with an IKATHERM® heating plate having a diameter of 135 mm.



- Positioning border prevents sliding on the heating plate
- Safety grip protects from bath attachment burns
- The bath attachment is made of aluminum. This ensures good heat transfer and quick heating-up of the tempering medium
- Easy cleaning
- The bath attachments can **only be used as an oil bath**

Ident. No.
2829400 H 29
2829500 H 30



H 12 / 135 Supporting plate
For increasing the heating plate to a diameter of 200 mm.

For heating plate diameter	135 mm
Material	aluminum
Diameter enlarged to	200 mm

Ident. No.
0771700

IKA® Mixing

Magnetic stirrers accessories

IKAFLON® Magnetic stirring bars

Round, PTFE-coated.



Ident. No.	Description	Length	Diameter
1572000	IKAFLON® 10*	10 mm	6 mm
1572100	IKAFLON® 15*	15 mm	6 mm
1572200	IKAFLON® 20*	20 mm	8 mm
1572300	IKAFLON® 25*	25 mm	8 mm
1572400	IKAFLON® 30*	30 mm	8 mm
1572500	IKAFLON® 40*	40 mm	8 mm
1572600	IKAFLON® 50*	50 mm	8 mm
1572800	IKAFLON® 80*	80 mm	10 mm
0793300	IKAFLON® 110	110 mm	27 mm
1129000	IKAFLON® 155	155 mm	27 mm

TRIKA® Magnetic stirring bars

Triangular, PTFE-coated, especially suited for stirring liquids which have a low solids content and where sedimentation is not desired.



Ident. No.	Description	Length
0356600	TRIKA® 25*	25 mm
0356500	TRIKA® 40*	40 mm

RS 1 Set of magnetic stirring bars

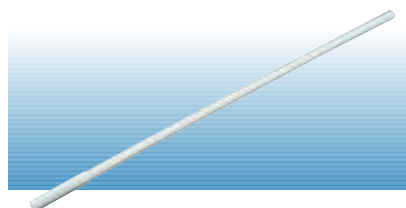
Consisting of the IKAFLON® and TRIKA® Magnetic stirring bars marked with *, see above.



Ident. No.
1358600

RSE Stirring bar remover

For all stirring bars up to 80 mm in length, PTFE-coated.



Ident. No.
1293100

H 11 Mains cable

Spare



Ident. No.	Ident. No.
1091500 (EURO plug)	1091700 (USA plug)
2410700 (UK plug)	1091600 (CH plug)