

Data Sheet

Mixing / Magnetic Stirrers



RCT basic IKAMAG® safety control

The improvement of the bestseller: Now with new technology for more capacity

New: New: stronger motor for a higher range of speeds

New: Additional temperature control mode for faster heating of medium

- Integrated temperature control
- Incl. PT 1000 temperature sensor (PT 1000.60)
- Exact temperature and speed setting via digital display, even when switched off
- Set safety temperature limit displayed digitally
- Hot Top indicator >> hot surface warning to prevent burns!
- Digital error code display
- With adjustable safety circuit of heating plate temperature (50 - 360 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Highly polished aluminium heating plate for optimum heat transfer
- Improved magnetic adhesion
- Incl. protection cover H 100

Accessories: H 135.3 Carrier plate, H 135.313 Quarter, 4 ml reaction vessel (Gold), H 135.314 Quarter, 8 ml reaction vessel (Blue), H 135.315 Quarter, 16 ml reaction vessel (Red), H 135.310 Quarter, 20 ml reaction vessel (Black), H 135.311 Quarter, 30 ml reaction vessel (Green), H 135.312 Quarter, 40 ml reaction vessel (Orange), H 135.4 Reaction block, 100 ml round flask (Black), H 135.5 Reaction block, 500 ml round flask (Purple), H 135.6 Reaction block, 1000 ml round flask (Blue), H 135.410 Insert, 10 ml round flask (Gold), H 135.411 Insert, 25 ml round flask (Blue), H 135.412 Insert, 50 ml round flask (Red), H 135.510 Insert, 200 ml round flask (Turquoise), H 135.511 Insert, 250 ml round flask (Clear), H 135.512 Insert, 300 ml round flask (Black), H 135.610 Insert, 500 ml round flask (Purple), ETS-D5, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 100 Protective cover, PT 1000.60

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	20
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	20
Motor rating input [W]	16
Motor rating output [W]	9
Speed display	LED
Speed range [rpm]	50 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H ₂ O in H15) [K/min]	6.5
Heating temperature range [°C]	room temp. - 310
Heat control	LED
Heat control accuracy [±K]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	360
Connection for ext. temperature sensor	DIN 12 878
Control accuracy with sensor [±K]	1
Set-up plate material	Aluminium alloy
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 85 x 270
Weight [kg]	2.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	650
Ident. No.	3810000

Data Sheet

Mixing / Magnetic Stirrers



RH basic 2 IKAMAG®

RH basic 2

Economic magnetic stirrer with stainless steel heating plate.

- Fixed safety circuit 400 °C
- Soft-start stirring motor

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 38 Holding rod, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	10
Stirring quantity max. (H ₂ O) [l]	10
Motor rating input [W]	15
Motor rating output [W]	2
Speed range [rpm]	100 - 2000
Heat output [W]	400
Heating temperature range [°C]	room temp. - 320
Heat control	scale 1 - 6
Speed control	scale 0 - 6
Fixed safety circuit [°C]	400
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 125
Dimensions (W x H x D) [mm]	168 x 105 x 220
Weight [kg]	2.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	220 - 240 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	415
Ident. No.	3339000



C-MAG HS 10 IKAMAG®

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

- Powerful motor for stirring quantities of up to 15 l (H₂O)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Digital error code display
- Elevated control panel for protection against leaking liquids

Accessories: ETS-D5, H 38 Holding rod, H 44 Boss head clamp, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	15
Stirring quantity max. (H ₂ O) [l]	15
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	1500
Heating rate (1 l H ₂ O in H15) [K/min]	5
Heating temperature range [°C]	50 - 500
Heat control	LED
Heat control accuracy [±K]	10
Speed control	scale 0 - 6
Fixed safety circuit [°C]	550
Connection for ext. temperature sensor	ETS-D 4 fuzzy
Control accuracy with sensor [±K]	3
Temperature constancy in medium [±K]	3
Set-up plate material	ceramic
Set-up plate dimensions [mm]	260 x 260
Dimensions (W x H x D) [mm]	300 x 105 x 415
Weight [kg]	6
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	1520
Ident. No.	3581425



C-MAG HS 7 IKAMAG®

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

- Powerful motor for stirring quantities of up to 10 l (H₂O)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Digital error code display
- Elevated control panel for protection against leaking liquids

Accessories: ETS-D5, H 38 Holding rod, H 44 Boss head clamp, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	10
Stirring quantity max. (H ₂ O) [l]	10
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	1000
Heating rate (1 l H ₂ O in H15) [K/min]	5
Heating temperature range [°C]	50 - 500
Heat control	LED
Heat control accuracy [±K]	10
Speed control	scale 0 - 6
Fixed safety circuit [°C]	550
Connection for ext. temperature sensor	ETS-D 4 fuzzy
Control accuracy with sensor [±K]	3
Temperature constancy in medium [±K]	3
Set-up plate material	ceramic
Set-up plate dimensions [mm]	180 x 180
Dimensions (W x H x D) [mm]	220 x 105 x 330
Weight [kg]	5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	1020
Ident. No.	3581225



C-MAG HS 4 IKAMAG®

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

- Powerful motor for stirring quantities of up to 5 l (H2O)
- Fixed safety circuit of 550 °C
- Hot Top indicator >> hot surface warning to prevent burns!
- Exact temperature setting via digital display (LED)
- Digital error code display
- Elevated control panel for protection against leaking liquids

Accessories: H 38 Holding rod, H 44 Boss head clamp, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [l]	5
Stirring quantity max. (H2O) [l]	5
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Heat output [W]	250
Heating rate (1 l H2O in H15) [K/min]	2.5
Heating temperature range [°C]	50 - 500
Heat control	LED
Heat control accuracy [±K]	10
Speed control	scale 0 - 6
Fixed safety circuit [°C]	550
Set-up plate material	ceramic
Set-up plate dimensions [mm]	100 x 100
Dimensions (W x H x D) [mm]	150 x 105 x 260
Weight [kg]	3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	270
Ident. No.	3581025



RET control/t IKAMAG® safety control

New safety magnetic stirrer with heating, suitable for unsupervised operation.

- Timer: min. 1 min / max. 9 h 59 min
- Option: 1 sensor for medium temperature (PT 100) or 2 separate temperature sensors for heat transfer fluid and medium (PT 1000) available (automatic identification)
- 2 adjustable safety circuits
- Stirring bar crack detection
- Setting acc. medium temperature: 0,5 K
- HOT warning display indicating any residual heat when unit is switched off
- Easy-to-read backlit LCD display
- Actual medium temperature resolution displayed: 0,5 K (RT to 100 °C); 1 K (from 100 °C upwards)
- Fuzzy control and microprocessor technology guarantee maximum control accuracy
- PC control via RS 232 interface, with optional safety function
- Software labworldsoft® is available to control and document all measured values via PC
- 3 modes of operation, e.g. stirring and heating functions can be secured against inadvertent changes of set parameters
- Enclosed assembly (IP 42) guarantees long service life
- Incl. protection cover H 99

Accessories: IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, PT 100.50 Temperature sensor, PT 100.51 Temperature sensor, labworldsoft®, H 16 V Support rod, H 16.1 Extension, H 38 Holding rod, H 44 Boss head clamp, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, H 11 Mains cable UK plug, H 11 Mains cable USA plug

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [l]	20
Stirring quantity max. (H2O) [l]	20
Motor rating input [W]	12
Motor rating output [W]	5
Speed display	LCD
Speed range [rpm]	0 - 1200
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	7
Heating temperature range [°C]	room temp. - 340
Heat control	stepless
Heat control accuracy [±K]	0.5
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	350
Connection for ext. temperature sensor	PT 100
Control accuracy with sensor [±K]	0.2
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 97 x 280
Weight [kg]	2.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	yes
Analog output	yes
Voltage [V]	220 - 230
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	3964000

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Mixing / Magnetic Stirrers



RET basic IKAMAG® safety control

The classic: Now with new design, functions and features.

new: Wide speed range from 50 - 1.700 rpm

new: Integrated temperature control

new: Incl. PT 1000 temperature sensor (PT 1000.60)

new: Exact temperature and speed setting via digital display, even when switched off

new: Set safety temperature limit displayed digitally

new: Hot Top indicator >> hot surface warning to prevent burns!

new: Digital error code display

- With adjustable safety circuit of heating plate temperature (50 - 380 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Very broad temperature range (RT - 340 °C)
- Extremely fast heating times
- Electronic speed control
- High magnetic adhesion
- Incl. protection cover H 100

Accessories: H 135.3 Carrier plate, H 135.313 Quarter, 4 ml reaction vessel (Gold), H 135.314 Quarter, 8 ml reaction vessel (Blue), H 135.315 Quarter, 16 ml reaction vessel (Red), H 135.310 Quarter, 20 ml reaction vessel (Black), H 135.311 Quarter, 30 ml reaction vessel (Green), H 135.312 Quarter, 40 ml reaction vessel (Orange), H 135.4 Reaction block, 100 ml round flask (Black), H 135.5 Reaction block, 500 ml round flask (Purple), H 135.6 Reaction block, 1000 ml round flask (Blue), H 135.410 Insert, 10 ml round flask (Gold), H 135.411 Insert, 25 ml round flask (Blue), H 135.412 Insert, 50 ml round flask (Red), H 135.510 Insert, 200 ml round flask (Turquoise), H 135.511 Insert, 250 ml round flask (Clear), H 135.512 Insert, 300 ml round flask (Black), H 135.610 Insert, 500 ml round flask (Purple), ETS-D5, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod, H 16.1 Extension, H 38 Holding rod, H 44 Boss head clamp, H 99 Protective cover, labworldsoft®, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, H 11 Mains cable UK plug, H 11

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	20
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	20
Motor rating input [W]	16
Motor rating output [W]	9
Speed display	LED
Speed range [rpm]	50 - 1700
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H ₂ O in H15) [K/min]	7
Heating temperature range [°C]	room temp. - 340
Heat control	LED
Heat control accuracy [±K]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	360
Connection for ext. temperature sensor	DIN 12 878
Control accuracy with sensor [±K]	1
Temperature constancy in medium [±K]	1
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 95 x 270
Weight [kg]	2.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	3622000

Mains cable USA plug

Data Sheet

Mixing / Magnetic Stirrers



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: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	5
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	2
Motor rating input [W]	7.2
Motor rating output [W]	1.8
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	30
Heat output [W]	175
Heating temperature range [°C]	room temp. - 120
Heat control	scale 1-10
Speed control	scale 1-10
Temperature constancy in medium [±K]	2
Temperature medium max. (dep. on vessel) [°C]	70
Set-up plate material	silicone
Set-up plate dimensions [mm]	120 x 450
Dimensions (W x H x D) [mm]	138 x 65 x 552
Weight [kg]	3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	no
Analog output	no
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	185
Ident. No.	2930300

Temperature sensor, stainless steel, PT 1000.70 Temperature sensor, glass coated, H
38 Holding rod, H 44 Boss head clamp, H 16 V Support rod, H 16.1 Extension, H 11
Mains cable Euro plug, H 11 Mains cable CH plug, H 11 Mains cable UK plug, H 11
Mains cable USA plug

Data Sheet

Mixing / Magnetic Stirrers



Mini MR standard IKAMAG®

The improvement of the magnetic stirrer. new: For stirring quantities up to 1.000 ml (H₂O)
 new: Infinitely variable speed from 0 - 2.500 rpm
 - White set-up plate suitable for observing color reactions

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	1
Stirring quantity max. (H ₂ O) [l]	1
Motor rating input [W]	3
Motor rating output [W]	2
Speed display	none
Speed range [rpm]	0 - 2500
Stirring bar length max. [mm]	30
Set-up plate material	polyester
Set-up plate dimensions [mm]	115 x 115
Dimensions (W x H x D) [mm]	114 x 37 x 127
Weight [kg]	0.25
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	no
Analog output	no
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	3
DC Voltage [V=]	12
Power input [mA]	300
Ident. No.	3674000

Data Sheet

Mixing / Magnetic Stirrers



RO 15 power IKAMAG®

Multi-position magnetic stirrer with 15 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

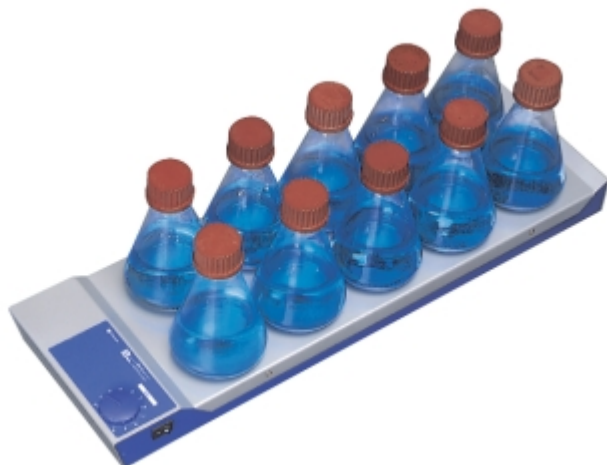
Accessories: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	15
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	6
Motor rating input [W]	21.6
Motor rating output [W]	5.4
Speed range [rpm]	0 - 1100
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	270 x 450
Dimensions (W x H x D) [mm]	272 x 65 x 552
Weight [kg]	4.7
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115
Frequency [Hz]	50/60
Power input [W]	30
Ident. No.	2930600

Data Sheet

Mixing / Magnetic Stirrers



RO 10 power IKAMAG®

Multi-position magnetic stirrer with 10 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

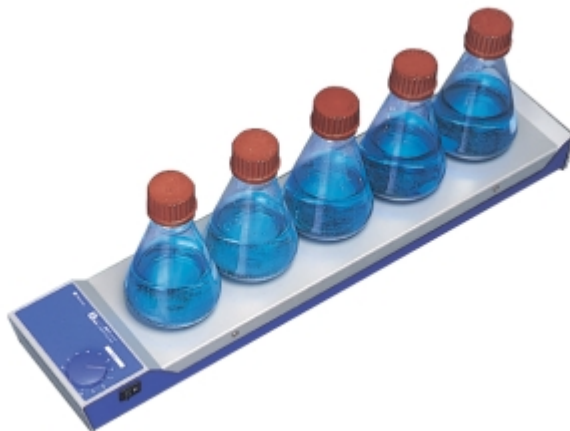
Accessories: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	10
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	4
Motor rating input [W]	14.4
Motor rating output [W]	3.6
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	30
Speed control	scale 1-10
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	180 x 450
Dimensions (W x H x D) [mm]	182 x 65 x 552
Weight [kg]	3.2
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115
Frequency [Hz]	50/60
Power input [W]	20
Ident. No.	2930400

Data Sheet

Mixing / Magnetic Stirrers



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: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	5
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Motor rating input [W]	7.2
Motor rating output [W]	1.8
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	30
Speed control	scale 1-10
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	120 x 450
Dimensions (W x H x D) [mm]	122 x 65 x 552
Weight [kg]	2.3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115
Frequency [Hz]	50/60
Power input [W]	10
Ident. No.	2930200



C-MAG MS 10 IKAMAG®

New magnetic stirrer without heating. With ceramic set-up plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 15 l (H₂O)
- Elevated control panel for protection against leaking liquids

Accessories: IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	15
Stirring quantity max. (H ₂ O) [l]	15
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Speed control	scale 0 - 6
Set-up plate material	ceramic
Set-up plate dimensions [mm]	260 x 260
Dimensions (W x H x D) [mm]	300 x 105 x 415
Weight [kg]	6
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	30
Ident. No.	3582625



C-MAG MS 7 IKAMAG®

New magnetic stirrer without heating. With ceramic set-up plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 10 l (H₂O)
- Elevated control panel for protection against leaking liquids

Accessories: IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	5
Stirring quantity max. (H ₂ O) [l]	10
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Stirring bar length max. [mm]	80
Speed control	scale 0 - 6
Set-up plate material	ceramic
Set-up plate dimensions [mm]	180 x 180
Dimensions (W x H x D) [mm]	220 x 105 x 330
Weight [kg]	5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	30
Ident. No.	3582425



C-MAG MS 4 IKAMAG®

New magnetic stirrer without heating. With ceramic set-up plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 5 l (H₂O)
- Elevated control panel for protection against leaking liquids

Accessories: IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover, H 16 V Support rod

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	5
Stirring quantity max. (H ₂ O) [l]	5
Motor rating input [W]	15
Motor rating output [W]	1.5
Speed display	scale
Speed range [rpm]	100 - 1500
Speed control	scale 0 - 6
Set-up plate material	ceramic
Set-up plate dimensions [mm]	100 x 100
Dimensions (W x H x D) [mm]	150 x 105 x 260
Weight [kg]	3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	30
Ident. No.	3582225

Data Sheet

Mixing / Magnetic Stirrers



RT 15 power IKAMAG®

The RT 15 power is a high-performance multi-position magnetic stirrer with 15 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: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	15
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	6
Motor rating input [W]	21.6
Motor rating output [W]	5.4
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	30
Heat output [W]	580
Heating temperature range [°C]	room temp. - 120
Heat control	scale 1-10
Speed control	scale 1-10
Temperature constancy in medium [±K]	2
Temperature medium max. (dep. on vessel) [°C]	70
Set-up plate material	silicone
Set-up plate dimensions [mm]	270 x 450
Dimensions (W x H x D) [mm]	288 x 65 x 552
Weight [kg]	6
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	600
Ident. No.	2930700

Data Sheet

Mixing / Magnetic Stirrers



RT 10 power IKAMAG®

The RT 10 power is a high-performance multi-position magnetic stirrer with 10 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: TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	10
Stirring quantity max. per stirring position (H ₂ O) [l]	0.4
Stirring position distance [mm]	90
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H ₂ O) [l]	4
Motor rating input [W]	14.4
Motor rating output [W]	3.6
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	30
Heat output [W]	375
Heating temperature range [°C]	room temp. - 120
Heat control	scale 1-10
Temperature constancy in medium [±K]	2
Temperature medium max. (dep. on vessel) [°C]	70
Set-up plate material	silicone
Set-up plate dimensions [mm]	180 x 450
Dimensions (W x H x D) [mm]	198 x 65 x 552
Weight [kg]	4.2
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	395
Ident. No.	2930500

Data Sheet

Mixing / Magnetic Stirrers



topolino

Extremely convenient magnetic mini-stirrer for mixing quantities up to 250 ml.

- Durable, brushless motor
- Infinitely variable speed range
- High magnetic adhesion

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	0.25
Stirring quantity max. (H ₂ O) [l]	0.25
Motor rating input [W]	1
Motor rating output [W]	0.8
Speed range [rpm]	300 - 1800
Stirring bar length max. [mm]	30
Speed control	stepless
Set-up plate material	synthetic (PP)
Set-up plate dimensions [mm]	Ø 80
Dimensions (W x H x D) [mm]	95 x 37 x 115
Weight [kg]	0.32
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	no
Analog output	no
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	10
Ident. No.	3368000

Data Sheet

Mixing / Magnetic Stirrers



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: TRIKA® 40 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, RSE Stirring bar remover, H 11 Mains cable USA plug, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, H 11 Mains cable UK plug, IKAFLON® 30 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	50
Motor rating input [W]	70
Motor rating output [W]	19
Speed display	LCD
Speed range [rpm]	0 - 1000
Stirring bar length max. [mm]	80
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	350 x 350
Dimensions (W x H x D) [mm]	360 x 110 x 430
Weight [kg]	10.7
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 100 - 120
Frequency [Hz]	50/60
Power input [W]	70
Ident. No.	2621900

Data Sheet

Mixing / Magnetic Stirrers



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: TRIKA® 40 Magnetic stirring bar, H 16.1 Extension, RSE Stirring bar remover, RS 1 Set of magnetic stirring bars, H 16 V Support rod, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, H 44 Boss head clamp, H 38 Holding rod, TRIKA® 25 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	5
Stirring quantity max. (H ₂ O) [l]	5
Motor rating input [W]	14
Motor rating output [W]	4
Speed range [rpm]	0 - 1100
Stirring bar length max. [mm]	50
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	140 x 120
Dimensions (W x H x D) [mm]	140 x 75 x 200
Weight [kg]	1.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	20
Ident. No.	2812000

Data Sheet

Mixing / Magnetic Stirrers



lab disc white

Ultra-flat compact magnetic stirrer, guaranteed with modern magnet coil technology. Wear-free drive with no moving parts. To ensure better mixing, the lab disc can reverse direction of rotation automatically every 30 seconds.

- High IP protection class (IP 65)
- Set-up plate and casing made from chemically resistant materials
- Slip-proof, safe stand

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	0.8
Motor rating input [W]	5
Motor rating output [W]	3
Speed range [rpm]	15 - 1500
Stirring bar length max. [mm]	25
Set-up plate material	polyester
Set-up plate dimensions [mm]	Ø 100
Dimensions (W x H x D) [mm]	117 x 12 x 180
Weight [kg]	0.3
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 65
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	5
Ident. No.	3907500

Data Sheet

Mixing / Magnetic Stirrers



big squid IKAMAG® white

The improved magnetic stirrer now in new design.

new: Digital speed display (LED)

new: Electronically controlled motor for more capacity

new: Higher speed range from 0 - 2.500 rpm

- Outstanding chemical resistance due to glass top and synthetic bottom made of TPC-ET

- Recyclable materials

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	1.5
Stirring quantity max. (H ₂ O) [l]	1
Motor rating input [W]	3
Motor rating output [W]	2
Speed display	LED
Speed range [rpm]	0 - 2500
Stirring bar length max. [mm]	30
Speed control	50 RPM Steps
Set-up plate material	glass
Set-up plate dimensions [mm]	Ø 160
Dimensions (W x H x D) [mm]	180 x 40 x 195
Weight [kg]	0.7
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 54
RS 232 interface	no
Analog output	no
Frequency [Hz]	50/60
Power input [W]	4
DC Voltage [V=]	12
Power input [mA]	300
Ident. No.	3672000

Data Sheet

Mixing / Magnetic Stirrers



color squid IKAMAG® white

The improved small magnetic stirrer now in new design.

new: Digital speed display (LED)

new: Electronically controlled motor for more capacity

new: Higher speed range from 0 - 2.500 rpm

new: Max. stirring quantity 1 l

- Outstanding chemical resistance due to glass top and synthetic bottom made of TPC-ET

- Recyclable materials

Accessories: TRIKA® 25 Magnetic stirring bar, RSE Stirring bar remover, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [l]	1
Stirring quantity max. (H2O) [l]	1
Motor rating input [W]	3
Motor rating output [W]	2
Speed display	LED
Speed range [rpm]	0 - 2500
Stirring bar length max. [mm]	30
Set-up plate dimensions [mm]	Ø 115
Dimensions (W x H x D) [mm]	145 x 45 x 160
Weight [kg]	0.54
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 54
RS 232 interface	no
Analog output	no
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	4
DC Voltage [V=]	12
Power input [mA]	300
Ident. No.	3671000

Data Sheet

Mixing / Magnetic Stirrers



Maxi 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 150 liters (H₂O)

Accessories: TRIKA® 40 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, IKAFLON® 110 Magnetic stirring bar, H 11 Mains cable Euro plug, H 11 Mains cable CH plug, IKAFLON® 155 Magnetic stirring bar, H 11 Mains cable USA plug, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, H 11 Mains cable UK plug, RSE Stirring bar remover

Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	150
Motor rating input [W]	80
Motor rating output [W]	35
Speed display	LCD
Speed range [rpm]	0 - 600
Stirring bar length max. [mm]	155
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	500 x 500
Dimensions (W x H x D) [mm]	505 x 110 x 585
Weight [kg]	16
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 100 - 120 / 100
Frequency [Hz]	50/60
Power input [W]	80
Ident. No.	2621800