

Magnetic stirrers with heating



Adjustable safety temperature



DIN Bushing 12878 for connecting an electronic contact thermometer

RH basic



RH basic/digital with white coated heating plate!

- > Offers excellent chemical resistance
- > Easy to clean

Technical data

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 2 W
Speed range	50 – 2000 rpm
Speed display	scale
Heat output	600 W
Temperature range	50 – 320 °C
Max. magnetic bar (L x Ø)	80 mm
Safety circuit	50 – 370 °C
Control accuracy with sensor	ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
Heating plate material	stainless steel 1.4301 white ceramic
Dimensions	Ø 135 mm
Weight	2 kg

RH basic | RH basic white

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 2 W
Speed range	50 – 2000 rpm
Speed display	scale
Heat output	600 W
Temperature range	50 – 320 °C
Max. magnetic bar (L x Ø)	80 mm
Safety circuit	50 – 370 °C
Control accuracy with sensor	ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
Heating plate material	stainless steel 1.4301 white ceramic
Dimensions	Ø 135 mm
Weight	2 kg
Ident. No.	0005019700 0005029700

RH digital | RH digital white

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 2 W
Speed range	50 – 2000 rpm
Speed display	LED
Heat output	600 W
Temperature range	50 – 320 °C
Max. magnetic bar (L x Ø)	80 mm
Safety circuit	50 – 370 °C
Control accuracy with sensor	ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
Heating plate material	stainless steel 1.4301 white ceramic
Dimensions	Ø 135 mm
Weight	2 kg
Ident. No.	0005019800 0004678000

RH digital



Hot Top indicator to prevent burns



Digital display for precise monitoring of speed and temperature



DIN Bushing 12878 for connecting an electronic contact thermometer



IKA®+

The convenient carrying handle and the compact design makes the unit ultra-portable and offers easy transportation

For accessories, see pages 16-23

Magnetic stirrers with heating



RCT Synthesis Package 1 Quarter System & RCT Synthesis Package 2 Reaction Block System

- > Multiple synthesis with only one magnetic stirrer
- > Uniform mixing in every vessel
- > High-precision thermal conduction directly into the quarters

Package details on page 90



RCT
basic



Hot Top indicator
to prevent burns



Digital display for precise
monitoring of speed
and temperature



USB interface to control and document
rheological changes and other parameters
using labworldsoft® software and for
updating your firmware



Integrated temperature sensor
for precise temperature control



DIN Bushing 12878 for
connecting an electronic
contact thermometer



Available
2014



RS 232 interface for
PC connection



Integrated temperature sensor
for precise temperature control



Integrated weighing function
with max. weighing range of
up to 2 kg



BNC socket to connect
a pH electrode

RET
control



Available
2014

Technical data

Max. stirring quantity (H ₂ O)	20 l
Motor rating input / output	16 / 9 W
Speed range	50 – 1500 rpm
Heat output	600 W
Temperature range	RT – 310 °C
Adjustable safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000: ± 1 K ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
Heating plate material	aluminum alloy
Heating plate dimensions	Ø 135 mm
Dimensions (W x D x H)	160 x 270 x 85 mm
Weight	2.5 kg

RCT basic safety control
Ident. No. 0003810000*
RCT Synthesis Package 1
Ident. No. 0008039600*
RCT Synthesis Package 2
Ident. No. 0008039700*

* PT 1000.60 included in delivery.

RCT basic safety control

RCT basic

replaces RCT basic safety control

20 l
16 / 9 W
50 – 1500 rpm
600 W
RT – 340 °C
50 – 370 °C
PT 1000: ± 1 K ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
aluminum
Ø 135 mm
160 x 270 x 85 mm
3 kg

Ident. No. 0005019900*

RET basic safety control

20 l
16 / 9 W
50 – 1700 rpm
600 W
RT – 340 °C
50 – 360 °C
PT 1000: ± 1 K ETS-D5: ± 0.5 K ETS-D6: ± 0.2 K
aluminum
Ø 135 mm
160 x 270 x 95 mm
2.5 kg

Ident. No. 0003622000

Technical data

Max. stirring quantity (H ₂ O)	20 l
Motor rating input / output	12 / 5 W
Speed range	0 – 1200 rpm
Heat output	600 W
Temperature range	RT – 340 °C
Adjustable safety circuit	50 – 350 °C
Control accuracy with sensor	± 0.2 K
Heating plate material	stainless steel
Heating plate dimensions	Ø 135 mm
Dimensions (W x D x H)	160 x 280 x 97 mm
Weight	2.8 kg

RET control/t

20 l
12 / 5 W
0 – 1200 rpm
600 W
RT – 340 °C
50 – 350 °C
± 0.2 K
stainless steel
Ø 135 mm
160 x 280 x 97 mm
2.8 kg

Ident. No. 0003964000

RET control | RET control white

replaces RET basic; RET control/t

20 l
16 / 9 W
50 – 1700 rpm
600 W
RT – 340 °C
50 – 370 °C
PT 100: ± 0.2 K
stainless steel 1.4301 white ceramic
Ø 135 mm
160 x 270 x 85 mm
3 kg

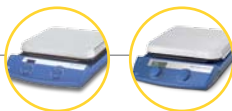
Ident. No. 0005020000
Ident. No. 0005030000

RET control with white coated heating plate!

- > Offers excellent
chemical resistance
- > Easy to clean

For accessories, see pages 16-23

Magnetic stirrers with heating



 DIN Bushing 12878 for connecting an electronic contact thermometer (Available only for C-MAG HS 7 & 10)

 Hot Top indicator to prevent burns

 Elevated control panel for protection against spilled liquids

C-MAG HS 7



Technical data

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	250 W
Temperature range	50 – 500 °C
Max. magnetic bar (L x Ø)	30 x 8 mm
Safety circuit	550 °C (fixed)
Control accuracy with sensor	–
Heating plate material	glass ceramic
Dimensions	100 x 100 mm
Weight	3 kg

C-MAG HS 4

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	250 W
Temperature range	50 – 500 °C
Max. magnetic bar (L x Ø)	30 x 8 mm
Safety circuit	550 °C (fixed)
Control accuracy with sensor	–
Heating plate material	glass ceramic
Dimensions	100 x 100 mm
Weight	3 kg

Ident. No. 0003581000

C-MAG HS 7

Max. stirring quantity (H ₂ O)	10 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	1000 W
Temperature range	50 – 500 °C
Max. magnetic bar (L x Ø)	80 x 10 mm
Safety circuit	550 °C (fixed)
Control accuracy with sensor	ETS-D5 / ± 0.5 K
Heating plate material	glass ceramic
Dimensions	180 x 180 mm
Weight	5 kg

Ident. No. 0003581200

C-MAG HS 7 Package
Ident. No. 0009015900

C-MAG HS 10

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	1500 W
Temperature range	50 – 500 °C
Max. stirring bar length	80 x 10 mm
Adjustable safety circuit	550 °C (fixed)
Control accuracy with sensor	ETS-D5 / ± 0.5 K
Set-up plate material	glass ceramic
Set-up plate dimensions	260 x 260 mm
Weight	6 kg

Ident. No. 0003581400



Hot Top indicator to prevent burns



LCD display for simultaneous display of target and actual temperatures



Elevated control panel for protection against spilled liquids



Integrated temperature sensor for precise temperature control

C-MAG HS 7 digital



PT 1000.60



Technical data

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	250 W
Temperature range	50 – 500 °C
Max. stirring bar length	30 mm
Adjustable safety circuit	550 °C (fixed)
Control accuracy with sensor	± 0.5 K
Set-up plate material	ceramic
Set-up plate dimensions	100 x 100 mm
Weight	3 kg

C-MAG HS 4 digital

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	250 W
Temperature range	50 – 500 °C
Max. stirring bar length	30 mm
Adjustable safety circuit	550 °C (fixed)
Control accuracy with sensor	± 0.5 K
Set-up plate material	ceramic
Set-up plate dimensions	100 x 100 mm
Weight	3 kg

Ident. No. 0004240200*

C-MAG HS 7 digital

Max. stirring quantity (H ₂ O)	10 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	1000 W
Temperature range	50 – 500 °C
Max. stirring bar length	80 mm
Adjustable safety circuit	550 °C (fixed)
Control accuracy with sensor	± 0.5 K
Set-up plate material	ceramic
Set-up plate dimensions	180 x 180 mm
Weight	5 kg

Ident. No. 0004240200*

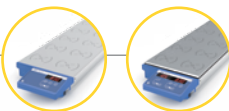
C-MAG HS 10 digital

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Heat output	1500 W
Temperature range	50 – 500 °C
Max. stirring bar length	80 mm
Adjustable safety circuit	550 °C (fixed)
Control accuracy with sensor	± 0.5 K
Set-up plate material	ceramic
Set-up plate dimensions	260 x 260 mm
Weight	6 kg

Ident. No. 0004240400*

* PT 1000.60 included in delivery
For accessories, see pages 16-23

Package details on page 90



Multiposition stirrers with and without heating



Heating foil for homogeneous temperature distribution of the heating plate



Reverse rotation switch for better mixing results



Wear-free magnetic coils for consistent and silent operation

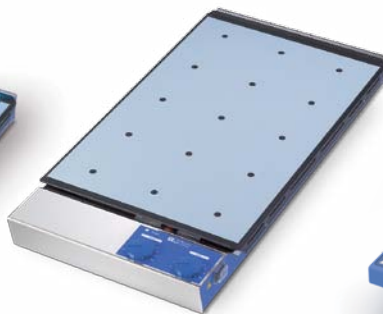
RT 15

Available
2014



Technical data

	RO 5	RO 10	RO 15	RT 5 power
Number of stirring positions	5	10	15	5
Max. stirring quantity (H ₂ O)	0.4 l	0.4 l	0.4 l	0.4 l
Distance between stirring places	90 mm	90 mm	90 mm	90 mm
Deviation for individual stirring positions	0%	0%	0%	5%
Speed display	LED	LED	LED	scale
Speed range	0 – 1200 rpm	0 – 1200 rpm	0 – 1200 rpm	0 – 1100 rpm
Speed adjustment	10 rpm steps	10 rpm steps	10 rpm steps	scale
Max. stirring bar length	30 mm	30 mm	30 mm	30 mm
Set-up plate material	stainless steel 1.4301	stainless steel 1.4301	stainless steel 1.4301	silicone
Set-up plate dimensions	120 x 470 mm	190 x 470 mm	280 x 470 mm	120 x 450 mm
Dimensions (W x D x H)	120 x 570 x 60 mm	190 x 570 x 60 mm	280 x 570 x 60 mm	138 x 552 x 65 mm
Weight	3 kg	5 kg	7 kg	3 kg
	Ident. No. 0003690500	Ident. No. 0003691000	Ident. No. 0003692500	Ident. No. 0002930300



Available
2014



Available
2014



RT 10 power

10
0.4 l
90 mm
5%
scale
0 – 1100 rpm
scale
30 mm
silicone
180 x 450 mm
198 x 552 x 65 mm
4.2 kg
Ident. No. 0002930500

RT 15 power

15
0.4 l
90 mm
5%
scale
0 – 1100 rpm
scale
30 mm
silicone
270 x 450 mm
288 x 552 x 65 mm
6 kg
Ident. No. 0002930700

RT 5

replaces RT 5 power
5
0.4 l
90 mm
0%
LED
0 – 1000 rpm
10 rpm steps
30 mm
aluminum alloy
110 x 495 mm
120 x 610 x 60 mm
4 kg
Ident. No. 0003690600

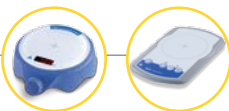
RT 10

replaces RT 10 power
10
0.4 l
90 mm
0%
LED
0 – 1000 rpm
10 rpm steps
30 mm
aluminum alloy
180 x 495 mm
190 x 610 x 60 mm
7.5 kg
Ident. No. 0003691100

RT 15

replaces RT 15 power
15
0.4 l
90 mm
0%
LED
0 – 1000 rpm
10 rpm steps
30 mm
aluminum alloy
270 x 495 mm
280 x 610 x 60 mm
10.5 kg
Ident. No. 0003692600

For accessories, see pages 16-23



Magnetic stirrers without heating



color
squid



Electronically controlled,
high power motor for a
higher capacity and higher
speed range



Glass plate for
excellent chemical
resistance to acids,
bases and solvents

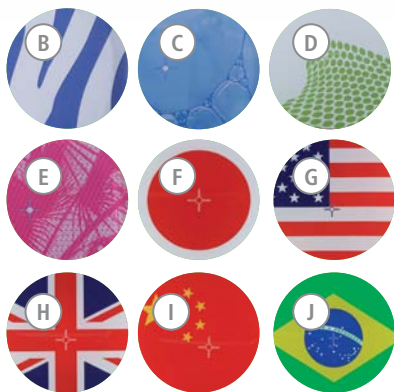


The digital display
enables precise
setting of speed

IKA⁺

The difference between
the color squid and the big
squid is the **set-up plate
diameter**.

color squid: Ø 115 mm
big squid: Ø 160 mm



Technical data

Max. stirring quantity (H ₂ O)	1 l
Motor rating input / output	3 / 2 W
Speed range	0 – 2500 rpm
Speed display	LED
Max. stirring bar length	30 mm
Speed adjustment	50 rpm steps
Set-up plate material	glass
Set-up plate dimensions	Ø 115 mm
Dimensions (W x D x H)	145 x 160 x 45 mm
Weight	0.54 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 54
Voltage	100 – 240 V
Frequency	50/60 Hz

color squid
1 l
3 / 2 W
0 – 2500 rpm
LED
30 mm
50 rpm steps
glass
Ø 115 mm
145 x 160 x 45 mm
0.54 kg
5 – 40 °C
80%
IP 54
100 – 240 V
50/60 Hz

- A Ident. No. 0003671000 white
- B Ident. No. 0003698200 zebra
- C Ident. No. 0003698300 bubbles
- D Ident. No. 0003698400 wave
- E Ident. No. 0003698500 palm tree
- F Ident. No. 0004175300 solar sphere
- G Ident. No. 0004175100 Stars and Stripes
- H Ident. No. 0004175200 Union Jack
- I Ident. No. 0004175400 red flag
- J Ident. No. 0004175500 Seleção

big squid
1.5 l
3 / 2 W
0 – 2500 rpm
LED
30 mm
50 rpm steps
glass
Ø 160 mm
180 x 195 x 40 mm
0.7 kg
5 – 40 °C
80%
IP 54
100 – 240 V
50/60 Hz

- A Ident. No. 0003672000 white
- B Ident. No. 0003857200 frozen
- C Ident. No. 0003857400 hibiscus
- D Ident. No. 0003857300 twist
- E Ident. No. 0003857100 leaves

Mini MR standard
1 l
3 / 2 W
0 – 2500 rpm
–
30 mm
–
polyester
115 x 115 mm
114 x 127 x 37 mm
0.25 kg
5 – 40 °C
80%
IP 42
100 – 240 V
50/60 Hz

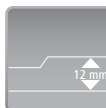
Ident. No. 0003674000



lab disc



Automatic reverse rotation
every 30 seconds



Ultra-flat for stirring quantities
of up to 800 ml (H₂O)



Modern wear-free magnetic
coil technology

IKA⁺

Portable unit with rechar-
geable batteries with long
operating time (8-12 h)



Technical data

Max. stirring quantity (H ₂ O)	0.8 l
Motor rating input / output	5 / 3 W
Speed range	15 – 1500 rpm
Speed display	–
Max. stirring bar length	25 mm
Speed adjustment	stepless
Set-up plate material	polyester
Set-up plate dimensions	Ø 100 mm
Dimensions (W x D x H)	117 x 180 x 12 mm
Weight	0.3 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 65
Voltage	100 – 240 V
Frequency	50/60 Hz

- A Ident. No. 0003907500 white
- B Ident. No. 0003765000 pattern
- C Ident. No. 0003916100 stream
- D Ident. No. 0003920700 meadow
- E Ident. No. 0003920900 maracuja

lab disc
0.8 l
5 / 3 W
15 – 1500 rpm
–
25 mm
stepless
polyester
Ø 100 mm
117 x 180 x 12 mm
0.3 kg
5 – 40 °C
80%
IP 65
100 – 240 V
50/60 Hz

topolino
0.25 l
1 / 0.8 W
300 – 1800 rpm
–
30 mm
stepless
synthetic (PP)
Ø 80 mm
95 x 115 x 37 mm
0.32 kg
5 – 40 °C
80%
IP 21
100 – 240 V
50/60 Hz

Ident. No. 0003368000

topolino mobil
0.25 l
1 / 0.8 W
300 – 1800 rpm
–
30 mm
stepless
synthetic (PP)
Ø 80 mm
Ø 140 x 42 mm
0.60 kg
5 – 40 °C
80%
IP 21
100 – 240 V
50/60 Hz

Ident. No. 0003381300

Magnetic stirrers without heating



Maxi MR 1
digital



For stirring quantities up to
150 l (H₂O)



Infinitely adjustable speed
with digital display



Timer or continuous operation



Technical data

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	14 / 4 W
Speed range	0 – 1100 rpm
Speed display	scale
Max. stirring bar length	50 mm
Speed adjustment	stepless
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions	140 x 120 mm
Dimensions (W x D x H)	140 x 200 x 75 mm
Weight	1.4 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0002812000

KMO 2 basic

Midi MR 1 digital

Max. stirring quantity (H ₂ O)	50 l
Motor rating input / output	70 / 19 W
Speed range	0 – 1000 rpm
Speed display	LCD
Max. stirring bar length	80 mm
Speed adjustment	stepless
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions	350 x 350 mm
Dimensions (W x D x H)	360 x 430 x 110 mm
Weight	10.7 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0002621900

Maxi MR 1 digital

Max. stirring quantity (H ₂ O)	150 l
Motor rating input / output	80 / 35 W
Speed range	0 – 600 rpm
Speed display	LCD
Max. stirring bar length	155 mm
Speed adjustment	stepless
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions	500 x 500 mm
Dimensions (W x D x H)	505 x 585 x 110 mm
Weight	16 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0002621800

C-MAG
MS 10



Ceramic set-up plate offers excellent
chemical resistance to acid, bases
and solvents



Powerful motor for stirring
quantities up to 15 l (H₂O)



Elevated control panel for
protection against spilled liquids



Technical data

Max. stirring quantity (H ₂ O)	5 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Max. stirring bar length	30 mm
Speed adjustment	scale (0 – 6)
Set-up plate material	ceramic
Set-up plate dimensions	100 x 100 mm
Dimensions (W x D x H)	150 x 260 x 105 mm
Weight	3 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz

C-MAG MS 4

Max. stirring quantity (H ₂ O)	10 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Max. stirring bar length	80 mm
Speed adjustment	scale (0 – 6)
Set-up plate material	ceramic
Set-up plate dimensions	180 x 180 mm
Dimensions (W x D x H)	220 x 330 x 105 mm
Weight	5 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0003582200

C-MAG MS 7

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Max. stirring bar length	80 mm
Speed adjustment	scale (0 – 6)
Set-up plate material	ceramic
Set-up plate dimensions	260 x 260 mm
Dimensions (W x D x H)	300 x 415 x 105 mm
Weight	6 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0003582600

C-MAG MS 10

Max. stirring quantity (H ₂ O)	15 l
Motor rating input / output	15 / 1.5 W
Speed range	100 – 1500 rpm
Speed display	scale
Max. stirring bar length	80 mm
Speed adjustment	scale (0 – 6)
Set-up plate material	ceramic
Set-up plate dimensions	260 x 260 mm
Dimensions (W x D x H)	300 x 415 x 105 mm
Weight	6 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative moisture	80%
Protection class acc. to DIN EN 60529	IP 21
Voltage	230 V
Frequency	50/60 Hz
	Ident. No. 0003582600

For accessories, see pages 16-23



Electronic contact thermometers

- | | Ident. No. |
|---|------------|
| 1 ETS-D5 | 0003378000 |
| Electronic contact thermometer, -50 – 450 °C, 0.1 K resolution | |
| 2 ETS-D6 | 0003378100 |
| Electronic contact thermometer. Similar to ETS-D5, additionally comes equipped with integrated pH measuring instrument (without pH electrode) | |

Temperature sensors for ETS-D5 / D6

- | | Ident. No. |
|--|------------|
| 3 H 62.51 | 0002735451 |
| Temperature sensor, stainless steel, Ø 3 mm, 260 mm length | |
| 4 H 66.51 | 0002735551 |
| Temperature sensor, stainless steel, glass-coated, Ø 6 mm, 260 mm length | |
| H 66.53 | 0004499900 |
| Temperature sensor, coated with SafeCoat, Ø 3 mm, 260 mm length | |

ETS-D5 / D6 Accessories

- | | Ident. No. |
|----------------------|------------|
| 5 H 70 | 0002735600 |
| Extension cable, 1 m | |

Temperature sensors for RCT / RET basic and C-MAG HS digital series

- | | Ident. No. |
|--|------------|
| 6 PT 1000.60 | 0003516800 |
| Temperature sensor, stainless steel, Ø 3 mm, 230 mm length | |
| 7 PT 1000.70 | 0003736000 |
| Temperature sensor, stainless steel, glass-coated, Ø 7 mm, 230 mm length | |
| 8 PT 1000.80 | 0004443000 |
| Temperature sensor, stainless steel, Ø 3 mm, 150 mm length | |
| PT 1000.90 | 0004480600 |
| Temperature sensor, stainless steel, coated with SafeCoat, Ø 3 mm, 230 mm length | |

Temperature sensors for RET control / t and RET control

- | | |
|--|------------|
| 9 PT 100.50 | 0002601900 |
| Temperature sensor, stainless steel, Ø 3 mm, 230 mm length | |
| 10 PT 1000.50 | 0003367600 |
| Temperature sensor, dual stainless steel, Ø 3 mm, 230 mm length | |
| 11 PT 1000.51 | 0003377700 |
| Temperature sensor, dual stainless steel, glass-coated, Ø 3 mm | |
| 12 PT 100.51 | 0002600300 |
| Temperature sensor, glass-coated, Ø 8 mm, 230 mm length | |
| PT 100.53 | 0004499700 |
| Temperature sensor, stainless steel, coated with SafeCoat, Ø 3 mm, 230 mm length | |
| PT 1000.53 | 0004499800 |
| Temperature sensor, coated with SafeCoat, 230 mm length | |



Magnetic Stirrers | Accessories



Oil bath attachments

Ident. No.
H 29 0002829400

Oil bath attachment, 1 l, aluminum, inner
Ø 136-180 mm, 81 mm height for use with oil only

H 30 0002829500

Oil bath attachment, 1.5 l, aluminum, inner
Ø 136-190 mm, 110 mm height for use with oil only

Beakers

10 H 1000 0004444401

Beaker, stainless steel, 1 l, inner Ø 160 mm,
79 mm height

11 H 1500 0004444501

Beaker, stainless steel, 1.5 l, inner Ø 140 mm,
160 mm height

12 H 3000 0004444503

Beaker, stainless steel, 3 l, inner Ø 180 mm,
119 mm height

13 H 5000 0004444505

Beaker, stainless steel, 5 l, inner Ø 220 mm,
142 mm height

14 H 8000 0004444508

Beaker, stainless steel, 8 l, inner Ø 265 mm,
162 mm height

Protective covers

H 102 0004281600

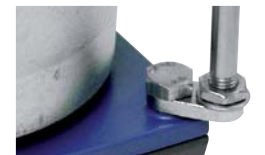
Cover for RH basic

H 103 0004299100

Cover for RH digital

15 H 100 0003661000

Cover for RET basic and RCT basic



Other accessories

16 H 11 (Euro | USA | UK | CH plug)
0001091500
0003564500
0002410700
0001091600

Mains cable, spare

17 H 16 V 0001545100
Support rod, Ø 10 mm, 450 mm length

18 H 16.1 0005000500
Extension for support rod

19 H 44 0002437700
Boss head clamp

20 H 38 0003547700
Holding rod

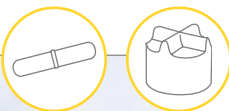
Stirring bars

21 RS 1 0001358600
Consisting of IKAFLON® (10 – 80 mm) and
TRIKA® (25 and 40 mm) magnetic stirring bars

RS 2 0004499100
Consisting of IKAFLON® 40 round, 40 glass, 30 power,
40 slide round, 40 ellipse, 40 TRIKA, 25 cross, 9 crown
and 25 bone magnetic stirring bars

22 RSE 0001293100
Stirring bar remover

Magnetic Stirrers | Accessories



Stirring bars

IKAFLON® round

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 10 Set (5 Pcs) round PTFE-coated	10 x 6 mm	0004488600
IKAFLON® 15 Set (5 Pcs) round PTFE-coated	15 x 6 mm	0004488700
IKAFLON® 20 Set (5 Pcs) round PTFE-coated	20 x 8 mm	0004488800
IKAFLON® 25 Set (5 Pcs) round PTFE-coated	25 x 8 mm	0004488900
IKAFLON® 30 Set (5 Pcs) round PTFE-coated	30 x 8 mm	0004489000
IKAFLON® 40 Set (5 Pcs) round PTFE-coated	40 x 8 mm	0004489100
IKAFLON® 50 Set (5 Pcs) round PTFE-coated	50 x 8 mm	0004489200
IKAFLON® 80 Set (5 Pcs) round PTFE-coated	80 x 10 mm	0004489300
IKAFLON® 110 round PTFE-coated*	110 x 27 mm	0000793300
IKAFLON® 155 round PTFE-coated*	155 x 27 mm	0001129000

* Used for large magnetic stirrers like Midi MR 1 and Maxi MR 1 digital

IKAFLON® glass round

	Dimensions (L x Ø)	Ident. No.
IKAFLON® glass 25 Set (5 Pcs) round	25 x 8 mm	0004492200
IKAFLON® glass 30 Set (5 Pcs) round	30 x 8 mm	0004492400
IKAFLON® glass 40 Set (5 Pcs) round	40 x 8 mm	0004492600
IKAFLON® glass 50 Set (5 Pcs) round	50 x 8 mm	0004492800

IKAFLON® power SmSo

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 15 Set (5 Pcs) power SmSo PTFE-coated	15 x 9 mm	0004493000
IKAFLON® 30 Set (5 Pcs) power SmSo PTFE-coated	30 x 12 mm	0004493200
IKAFLON® 50 Set (5 Pcs) power SmSo PTFE-coated	50 x 21 mm	0004493400

IKAFLON® slide round

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 25 Set (5 Pcs) slide round PTFE-coated	25 x 6 mm	0004493800
IKAFLON® 30 Set (5 Pcs) slide round PTFE-coated	30 x 6 mm	0004494000
IKAFLON® 40 Set (5 Pcs) slide round PTFE-coated	40 x 8 mm	0004494200
IKAFLON® 50 Set (5 Pcs) slide round PTFE-coated	50 x 8 mm	0004494400

IKAFLON® ellipse

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 20 Set (5 Pcs) ellipse PTFE-coated	20 x 10 mm	0004494600
IKAFLON® 25 Set (5 Pcs) ellipse PTFE-coated	25 x 12 mm	0004494800
IKAFLON® 30 Set (5 Pcs) ellipse PTFE-coated	30 x 15 mm	0004495000
IKAFLON® 35 Set (5 Pcs) ellipse PTFE-coated	35 x 15 mm	0004495200
IKAFLON® 40 Set (5 Pcs) ellipse PTFE-coated	40 x 20 mm	0004495400
IKAFLON® 50 Set (5 Pcs) ellipse PTFE-coated	50 x 20 mm	0004495600
IKAFLON® 60 Set (5 Pcs) ellipse PTFE-coated	60 x 20 mm	0004495800
IKAFLON® 70 Set (5 Pcs) ellipse PTFE-coated	70 x 20 mm	0004496000

IKAFLON® cross

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 10 Set (5 Pcs) cross PTFE-coated	10 x 10 mm	0004496200
IKAFLON® 20 Set (5 Pcs) cross PTFE-coated	20 x 20 mm	0004496400
IKAFLON® 25 Set (5 Pcs) cross PTFE-coated	25 x 25 mm	0004496600
IKAFLON® 30 Set (5 Pcs) cross PTFE-coated	30 x 30 mm	0004496800
IKAFLON® 38 Set (5 Pcs) cross PTFE-coated	38 x 38 mm	0004497000

IKAFLON® bone

	Dimensions (L x Ø)	Ident. No.
IKAFLON® 37 Set (5 Pcs) bone PTFE-coated	37 x 8 x 20 mm	0004497200
IKAFLON® 54 Set (5 Pcs) bone PTFE-coated	54 x 8 x 20 mm	0004497400

TRIKA®

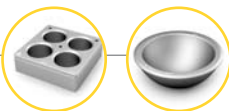
	Dimensions (L x Ø)	Ident. No.
TRIKA® 25 Set (5 Pcs) PTFE-coated	25 x 8 mm	0004499300
TRIKA® 40 Set (5 Pcs) PTFE-coated	40 x 8 mm	0004499400
TRIKA® 55 Set (5 Pcs) PTFE-coated	55 x 14 mm	0004499500
TRIKA® 80 Set (5 Pcs) PTFE-coated	80 x 18 mm	0004499600

IKAFLON® beaker

	(Ø x Height in mm, for beaker)	Ident. No.
IKAFLON® 67 beaker PTFE-coated	67 x 21 mm with 50 x 8	0004497600
IKAFLON® 74 beaker PTFE-coated	74 x 29 mm with 60 x 9	0004497800
IKAFLON® 103 beaker PTFE-coated	103 x 32 mm with 80 x 10	0004498000
IKAFLON® 125 beaker PTFE-coated	125 x 48 mm with 106 x 25	0004498200

IKAFLON® crown

	(Ø x Height in mm)	Ident. No.
IKAFLON® 9 Set (5 Pcs) crown PTFE-coated	9 x 6 mm	0004498400



Synthesis blocks

Dry heating block square series

	Hole Ø	Dimensions	Ident. No.
H 135.10 Square carrier with handle	—	160 x 160 mm	0004448200
H 135.101 Square carrier without handle	—	160 x 160 mm	0025000832
H 135.101 Block 16 x 4 ml	15.2 mm	79 x 79 mm	0025000626
H 135.102 Block 16 x 8 ml	17.5 mm	79 x 79 mm	0025000627
H 135.103 Block 9 x 16 ml	20.5 mm	79 x 79 mm	0025000628
H 135.104 Block 4 x 20 ml	28.5 mm	79 x 79 mm	0025000629
H 135.105 Block 4 x 30 ml	28.5 mm	79 x 79 mm	0025000630
H 135.106 Block 4 x 40 ml	28.5 mm	79 x 79 mm	0025000631
H 135.107 Block 100 ml	—	79 x 79 mm	0025000632
H 135.108 Block 250 ml	—	79 x 79 mm	0025000633



100 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.20 Flask carrier 100 ml with handle	142 mm	—	0004448300
H 135.201 Flask carrier 100 ml without handle	142 mm	—	0025000634
H 135.201 Flask inlay 10 ml	—	33.8 mm	0025000636
H 135.202 Flask inlay 25 ml	—	43.8 mm	0025000637
H 135.203 Flask inlay 50 ml	—	52.8 mm	0025000638



500 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.30 Flask carrier 500 ml with handle	142 mm	—	0004448400
H 135.301 Flask carrier 500 ml without handle	142 mm	—	0025000639
H 135.301 Flask inlay 100 ml	—	66.3 mm	0025000641
H 135.302 Flask inlay 250 ml	—	88 mm	0025000642



1000 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.40 Flask carrier 1000 ml with handle	166.3 mm	—	0004448500
H 135.401 Flask carrier 1000 ml without handle	166.3 mm	—	0025000833
H 135.401 Flask inlay 500 ml	—	108 mm	0025000644



2000 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.50 Flask carrier 2000 ml with handle	194.7 mm	—	0004448600
H 135.501 Flask carrier 2000 ml without handle	194.7 mm	—	0025000834
H 135.501 Flask inlay 1000 ml	—	131.8 mm	0025000645



3000 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.60 Flask carrier 3000 ml with handle	218.3 mm	—	0004448700
H 135.601 Flask carrier 3000 ml without handle	218.3 mm	—	0025000835
H 135.601 Flask inlay 2000 ml	—	162 mm	0025000648



5000 ml Flask heating block series

	Max. Outer Ø	Inner Ø	Ident. No.
H 135.70 Flask carrier 5000 ml with handle	259.7 mm	—	0004448800
H 135.701 Flask carrier 5000 ml without handle	259.7 mm	—	0025000836
H 135.701 Flask inlay 3000 ml	—	194.5 mm	0025000651

AVAILABLE 2014



Magnetic stirrers without heating

C-MAG MS 4 / C-MAG MS 7 / C-MAG MS 10

New magnetic stirrers without heating. With glass ceramics set-up plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 5l, 10 l, 15l (H₂O)
- Elevated control panel for protection against leaking liquids

	C-MAG MS 4	C-MAG MS 7	C-MAG MS 10
Technical data			
Stirring quantity (H ₂ O)	5 l	10 l	15 l
Motor rating input	15 W	15 W	15 W
Motor rating output	1,5 W	1,5 W	1,5 W
Speed display	scale	scale	scale
Speed range	100 – 1.500 rpm	100 – 1.500 rpm	100 – 1.500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm	80 x 10 mm	80 x 10 mm
Set-up plate			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
General data			
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Ident. No.	3582200	3582400	3582600



C-MAG MS 4



C-MAG MS 7



C-MAG MS 10

Accessories: IKAFLON®-Stirring bars, TRIKA®-Stirring bars, RS 1 Set of stirring bars, RSE Stirring bar remover.

Subject to technical changes. Indications not binding for delivery.



Designed
to work perfectly

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C-MAG_EN_oP_05_09



C-MAG Magnetic stirrers & Hotplates

2009

NEW: WITH GLASS
CERAMICS SURFACE!



Designed
to work perfectly

Magnetic stirrers with heating

C-MAG HS 4 / C-MAG HS 7 / C-MAG HS 10

New magnetic stirrers with heating and glass ceramics heating plate which offers excellent chemical resistance.

- Powerful motor for stirring quantities of up to 5 l, 10l, 15l (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

C-MAG HS 7, C-MAG HS 10 additionally:

- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control

	C-MAG HS 4	C-MAG HS 7	C-MAG HS 10
Technical data			
Stirring quantity (H ₂ O)	5 l	10 l	15 l
Motor rating input	15 W	15 W	15 W
Motor rating output	1,5 W	1,5 W	1,5 W
Speed display	scale	scale	scale
Speed range	100 – 1.500 rpm	100 – 1.500 rpm	100 – 1.500 rpm
Max. magnetic bar (L x Ø)	30 x 8 mm	80 x 10 mm	80 x 10 mm
Heating function			
Temperature display	digital	digital	digital
Heat output	250 W	1.000 W	1.500 W
Heating rate (1 l H ₂ O)	2,5 K/min	5 K/min	5 K/min
Temperature range	50 – 500 °C	50 – 500 °C	50 – 500 °C
Setting accuracy	± 10 K	± 10 K	± 10 K
Safety circuit fixed	550 °C	550 °C	550 °C
Control accuracy with sensor	–	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K
Heating plate			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
General data			
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Ident. No.	3581000	3581200	3581400



C-MAG HS 4



C-MAG HS 7



C-MAG HS 10

Hotplates

C-MAG HP 4 / C-MAG HP 7 / C-MAG HP 10

New hotplates made of glass ceramics which offers excellent chemical resistance.

- 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

C-MAG HP 7, C-MAG HP 10 additionally:

- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control

	C-MAG HP 4	C-MAG HP 7	C-MAG HP 10
Heating function			
Temperature display	digital	digital	digital
Heat output	250 W	1.000 W	1.500 W
Heating rate (1 l H ₂ O)	2,5 K/min	5 K/min	5 K/min
Temperature range	50 – 500 °C	50 – 500 °C	50 – 500 °C
Setting accuracy	± 10 K	± 10 K	± 10 K
Safety circuit fixed	550 °C	550 °C	550 °C
Control accuracy with sensor	–	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K	ETS-D5 / ± 0,5 K ETS-D6 / ± 0,2 K
Heating plate			
Material	glass ceramics	glass ceramics	glass ceramics
Dimensions	100 x 100 mm	180 x 180 mm	260 x 260 mm
General data			
Dimensions (W x D x H)	150 x 260 x 105 mm	220 x 330 x 105 mm	300 x 415 x 105 mm
Weight	3 kg	5 kg	6 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C
Permissible relative humidity	80 %	80 %	80 %
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Ident. No.	3581600	3581800	3582000



C-MAG HP 4



C-MAG HP 7



C-MAG HP 10

Accessories: IKAFLON®- Stirring bars, TRIKA®-Stirring bars, RS 1 Set of stirring bars, RSE Stirring bar remover, Bath attachments: H 15, H 28. C-MAG HS 7, C-MAG HS 10 additionally: Electronic contact thermometers: ETS-D5, ETS-D6.

Accessories: Bath attachments: H 15, H 28. C-MAG HP 7, C-MAG HP 10 additionally: Electronic contact thermometers: ETS-D5, ETS-D6.