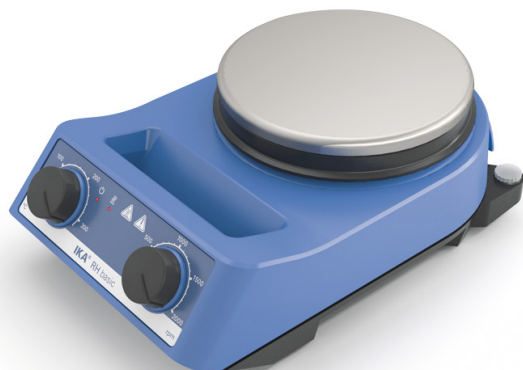


## Data Sheet

Mixing / Magnetic Stirrers



### RH basic

Newly designed, economic magnetic stirrer with heating. Bushing according to DIN 12878 for connecting an electronic contact thermometer, such as the ETS-D5. Highly accurate temperature control is possible with sensor placed directly in the medium. High heat output of 600 watts and stainless steel compound hot plate ensures rapid heating. Adjustable safety temperature from 50 to 360 °C.

- Soft-start of the stirring motor
- Includes M 10 thread for a support rod
- Strong magnetic field and wide speed range for volumes up to 15 liters

Accessories: Lab Lift Module, ETS-D5 Module, Synthesis 1 Module, Synthesis 2 Module, H 29 Oil bath attachment, H 30 Oil bath attachment, H 1000, H 1500, H 3000, H 102 Cover for RH basic, H 16 V Support rod, H 16.1 Extension, H 44 Boss head clamp, H 38 Holding rod, ETS-D5, ETS-D6, H 62.51 Stainless steel sensor, H 66.51 Stainless steel sensor, glass-coated, H 66.53 Temperature sensor, coated, H 70 Extension cable, H 135.10 Square Carrier without Handle, H 135.101 Block 16 x 4 ml, H 135.102 Block 16 x 8 ml, H 135.103 Block 9 x 16 ml, H 135.104 Block 4 x 20 ml, H 135.105 Block 4 x 30 ml, H 135.106 Block 4 x 40 ml, H 135.107 Block 100 ml, H 135.108 Block 250 ml, H 135.20 Flask Carrier 100 ml without Handle, H 135.201 Flask inlay 10 ml, H 135.202 Flask inlay 25 ml, H 135.203 Flask inlay 50 ml, H 135.30 Flask Carrier 500 ml without Handle, H 135.301 Flask inlay 100 ml, H 135.302 Flask inlay 250 ml, H 135.40 Flask Carrier 1000 ml without Handle, H 135.401 Flask inlay 500 ml, H 135.50 Flask Carrier 2000 ml without Handle, H 135.501 Flask inlay 1000 ml, H 135.60 Flask Carrier 3000 ml without Handle, H 135.601 Flask inlay 2000 ml, H 135.70 Flask Carrier 5000 ml without Handle, H 135.701 Flask inlay 3000 ml, IKAFLON® 10 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 15 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 40 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 80 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® glass 25 Set (5 Pcs) round Magnetic

#### Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H <sub>2</sub> O) [l]	15
Motor rating input [W]	20
Motor rating output [W]	2
Speed display	scale
Speed range [rpm]	100 - 2000
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H <sub>2</sub> O in H15) [K/min]	6
Heating temperature range [°C]	50 - 320
Heat control	scale
Heat control accuracy [±K]	20
Speed control	scale
Adjustable safety circuit min. [°C]	100
Adjustable safety circuit max. [°C]	360
Connection for ext. temperature sensor	ETS-D5
Heat control accuracy of medium with sensor [±K]	1
Temperature measurement resolution [K]	20
Self-heating of the hotplate by stirring (RT:22°C/duration:1h) [+K]	32
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Weighing function	no
Viscosity trend measurement	no
Intermittent mode	no
Break detection stirring bar	no
Timer	no
Dimensions (W x H x D) [mm]	160 x 100 x 250
Weight [kg]	2.8
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
USB interface	no
RS 232 interface	no
Analog output	no
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	620

Ident. No.

0005019700

stirring bars, IKAFLON® glass 30 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® glass 40 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® glass 50 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs) power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 40 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 9 Set (5 Pcs) crown PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 35 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 40 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 50 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 60 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 70 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 10 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 38 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 37 Set (5 Pcs) bone PTFE-coated Magnetic stirring bars, IKAFLON® 54 Set (5 Pcs) bone PTFE-coated Magnetic stirring bars, TRIKA® 25 Set (5 Pcs) PTFE-coated Magnetic stirring bars, TRIKA® 35 Set (5 Pcs) PTFE-coated Magnetic stirring bars, TRIKA® 55 Set (5 Pcs) PTFE-coated Magnetic stirring bars, TRIKA® 80 Set (5 Pcs) PTFE-coated Magnetic stirring bars, IKAFLON® 67 (1 Pc) beaker PTFE-coated Magnetic stirring bars, IKAFLON® 74 (1 Pc) beaker PTFE-coated Magnetic stirring bars, RS 1 Set of magnetic stirring bars, RS 2 Set of magnetic stirring bars, RSE Stirring bar remover, BC 1000 Beaker cap, HG 600 Heating jacket, HG 1000 Heating jacket

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