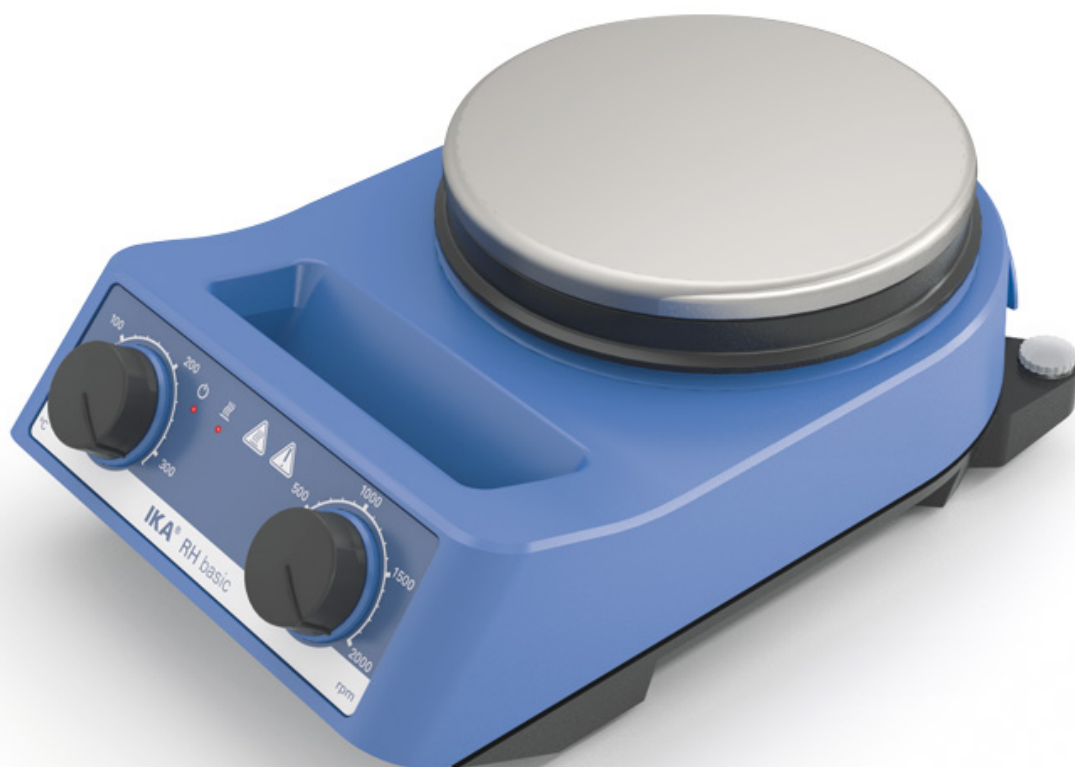




designed for scientists



RH basic

/// Data Sheet

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 100 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



designed for scientists

Scope of delivery

- RH basic
- IKAFLON® 20 Magnetic stirring bar
- IKAFLON® 30 Magnetic stirring bar
- IKAFLON® 40 Magnetic stirring bar
- H 102 Cover for RH basic
- H 102.1 Protection handle
- Screwdriver (use for safety circuit)



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Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	15
Maximum load [kg]	20
Motor rating output [W]	2
Direction of rotation	left
Speed display set-value	scale
Speed adjustment	Turning knob
Speed range [rpm]	100 - 2000
Stirring bar length [mm]	20 - 80
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]	+12
Heat output [W]	600
Temperature display set-value	scale
Temperature unit	°C
Heating temperature range [°C]	50 - 320
Heat control	scale
Temperature setting range [°C]	0 - 320
Connection for ext. temperature sensor	ETS-D5
Characteristics in the medium with temperature sensor	1l M50 Oil at H1500
Adjustable safety circuit [°C]	100 - 360
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Heating rate (1l H ₂ O in H1500) [K/min]	6
Dimensions (W x H x D) [mm]	160 x 100 x 250
Weight [kg]	3.135
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	620