

## RET basic IKAMAG® safety control



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-D5 or ETS-D6)
- Incl. protection cover H 99

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 [-]	scale
Speed range [1/min]	0 - 1500	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]	10	Speed control [-]	stepless
Adjustable safety circuit min. [°C]	50	Adjustable safety circuit max. [°C]	380
Connection for ext. temperature sensor [-]	ETS-D 4 fuzzy	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 97 x 280
Weight [kg]	2.4	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]	630		