

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-D 4 fuzzy)
- 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 | | |