

IKA

designed for scientists



RET basic

/// Data Sheet

Wide speed range from 0/50 - 1700 rpm

Integrated temperature control

Incl. PT 1000 temperature sensor (PT 1000.60)

Exact temperature and speed setting via digital display, even when switched off

Set safety temperature limit displayed digitally

Hot Top indicator >> hot surface warning to prevent burns!

Digital error code display

www.ika.com

Subject to technical changes



IKAworlwide



IKAworlwide /// #lookattheblue



@IKAworlwide



designed for scientists

- With adjustable safety circuit of heating plate temperature (50 - 380 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Very broad temperature range (RT - 340 °C)
- Extremely fast heating times
- Electronic speed control
- High magnetic adhesion
- Incl. protection cover H 100

Technical Data

| | |
|--|--|
| Number of stirring positions | 1 |
| Stirring quantity max. per stirring position (H ₂ O) [l] | 20 |
| Motor rating output [W] | 9 |
| Direction of rotation | right |
| Speed display set-value | LED |
| Speed display actual-value | LED |
| Speed control | Turning knob |
| Speed range [rpm] | 50 - 1700 |
| Setting accuracy speed [rpm] | 1 |
| Stirring bar length [mm] | 20 - 80 |
| Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [+K] | 15 |
| Heat output [W] | 600 |
| Temperature display set-value | LED |
| Temperature display actual-value | LED |
| Temperature unit | °C |
| Heating temperature range [°C] | Room temp. + device self heating - 340 |
| Heat control | Turning knob |
| Temperature setting range [°C] | 0 - 340 |
| Heating rate heating plate [K/min] | 7 |
| Temperature setting resolution of heating plate [K] | 1 |
| Connection for ext. temperature sensor | PT1000 |
| Temperature setting resolution of medium [K] | 1 |
| Adjustable safety circuit [°C] | 50 - 360 |
| Set-up plate material | stainless steel 1.4301 |
| Set-up plate dimensions [mm] | Ø 135 |
| Sensor in medium detection (Error 5) | yes |
| Dimensions (W x H x D) [mm] | 160 x 95 x 270 |
| Weight [kg] | 2.5 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 42 |
| Voltage [V] | 220 - 230 / 115 / 100 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 630 |