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

-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

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Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [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