RCT basic Package
/// Data Sheet

The bestseller in laboratories: Strong motor for a higher range of speeds, additional temperature control mode for faster heating of medium
-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

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-With adjustable safety circuit of heating plate temperature (50 - 360 °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

- Aluminium heating plate for optimum heat transfer

-Improved magnetic adhesion

-Incl. protection cover H 100

- Max. stirring quantity (H2O): 20 l

- Speed range: 50 - 1500 rpm

- Temperature range: RT - 310 °C

Package includes
 RCT basic
 ETS-D5
 H 44 Boss head clamp
 H 38 Holding rod
 H 16 V Support rod

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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 - 1500
Setting accuracy speed [rpm]	10
Stirring bar length [mm]	20 - 80
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [+K]	28
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 - 310
Heat control	Turning knob
Temperature setting range [°C]	0 - 310
Heating rate heating plate [K/min]	6.5
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	Aluminium alloy
Set-up plate dimensions [mm]	Ø 135
Sensor in medium detection (Error 5)	yes
Dimensions (W x H x D) [mm]	160 x 85 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]	650