



designed for scientists



RCT 5 digital (800 W, white)

/// Data Sheet

The RCT digital series of magnetic stirrers with the models RCT 5 digital, RCT digital white and IKA plate (RCT digital) now offers a significantly higher performance with its 800 W and convinces with different set-up plates. This makes the devices the ideal team for the widest range of stirring tasks.

Multifunctional menu

Whether determining the direction of rotation, timer functions or sequence programming - the stirring process can be programmed individually for all three models from beginning to end. In this way, the reaction runs reliably and safely even without monitoring.



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Angular set-up plate

In the case of RCT 5 digital, the set-up plate is made of a white, coated ceramic and has an angular shape for even better space maximisation.



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 / left
Speed display set-value	LCD
Speed display actual-value	LCD
Speed control	Turning knob
Speed range [rpm]	50 - 1500
Setting accuracy speed [rpm]	10
Stirring bar length [mm]	20 - 80
Self-heating of the hotplate by max. stirring (RT:22°C/duration:1h) [+K]	8
Heat output [W]	800
Temperature display set-value	LCD
Temperature display actual-value	LCD
Temperature unit	°C / °F
Heating temperature range [°C]	Room temp. + device self heating - 310
Heat control	Turning knob
Temperature setting range [°C]	0 - 310
Temperature setting resolution of heating plate [K]	1
Connection for ext. temperature sensor	PT1000
Heating rate medium [K/min]	8
Temperature setting resolution of medium [K]	1
Heat control accuracy of medium (set/act) [±K]	0.5
Adjustable safety circuit [°C]	50 - 370
Set-up plate material	Aluminum with ceramic coating
Set-up plate dimensions [mm]	130 x 130
Automatic reverse rotation	yes
Intermittend mode	yes
Viscosity trend measurement	yes
Timer	yes
Sensor in medium detection (Error 5)	yes
Dimensions (W x H x D) [mm]	160 x 85 x 270
Weight [kg]	2.4
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	yes
USB interface	yes
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	850
Power input standby [W]	1.6