



# RCT basic ready-to-go Solution

/// Data Sheet

The RCT basic ready-to-go Solution includes all components required for precise temperature control of your sample with the RCT basic magnetic stirrer.

### Stand for safe positioning

This complete solution includes a stand rod together with an extension arm and a boss head clamp. They ensure the correct and safe positioning of the PT 1000 temperature sensor, which is also included in the delivery, because it should always be located outside the drum created during stirring and should be immersed in the medium to a depth of at least 20 mm. Thanks to the stand, the position of the temperature sensor is precisely adapted to the reaction vessel and the



level in vertical and horizontal alignment.

## Multifunctional silicone cover

In addition, the bundle includes a universal silicone cover for beakers with 600 and 1000 ml. It has integrated feedthroughs for the temperature sensor. The chemically highly resistant cover fulfills three functions at once: It is a splash guard, minimizes energy requirements when used as a lid, and reduces the noise that can occur when air is drawn in during rapid stirring.



### **Technical Data**

Number of stirring positions   1   20   20   20   20   20   20   20	Technical Data	
Motor rating output	Number of stirring positions	1
Direction of rotation   Fight   Speed display set-value   LED	Stirring quantity max. per stirring position (H2O) [I]	20
Speed display set-value         LED           Speed display catual-value         LED           Speed adjustment         Turning knob           Speed adjustment         50 - 1500           Speed arrange (rpm)         10           Setting accuracy speed (pm)         10           String bar length (rmm)         20 - 80           Self-heading of the set-up plate by max. stirring (RT-22°C/duration:1h) [K]         +13           Heat cutput [M]         600           Temperature display set-value         LED           Temperature sisplay set-value         LED           Temperature unit         "C           Heat control (sisplay set-value)         LED           Temperature setting range [°C]         Room temp. + device self heating - 310           Temperature setting range [°C]         Turning knob           Temperature setting range [°C]         1           Connection for ext. temperature sensor         PT1000, ETS-D5, ETS-D6           Heating rate medium [K/min]         6.5           Temperature setting resolution of medium [K]         1           Adjustable safety circuit [°C]         50 - 360           Set-up plate dimensions [mm]         Ø 135           Sessor in medium detection (Error 5)         9es           Sensor in medium detection	Motor rating output [W]	9
Speed display actual-value	Direction of rotation	right
Speed adjustment         Turning knob           Speed range [pm]         50 - 1300           Setting accuracy speed [pm]         10           Stirting bar length [mm]         20 - 80           Self-heating of the set-up plate by max. stirring (RT-22°C/duration:1h) [k]         +13           Heat output [M]         600           Temperature display set-value         LED           Temperature unit         °C           Heating temperature range [°C]         Room temp. + device self heating - 310           Temperature setting range [°C]         Turning knob           Temperature setting range [°C]         0 - 310           Temperature setting grange [°C]         1           Connection for ext. temperature sensor         PT1000, ETS-DS, ETS-D6           Heating rate medium [K/min]         6.5           Temperature setting resolution of medium [K]         1           Adjustable safety circuit [°C]         50 - 380           Set-up plate dimensions [mm]         Ø 135           Sersor in medium detection (Error 5)         yes           Femperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load,nominal voitage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H500) [K/min]         6.5           Heat control accuracy with Ex.PT	Speed display set-value	LED
Speed range [rpm]         50 - 1500           Setting accuracy speed [rpm]         10           Stirring bar length [rmm]         20 - 80           Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]         +13           Heat output [W]         600           Temperature display set-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           Temperature setting range [°C]         1           Connection for ext. temperature sensor         PT1000, ETS-D5, ETS-D6           Heating tale medium [K]         1           Connection for ext. temperature setting resolution of medium [K]         1           Adjustable safety circuit [°C]         50 - 380           Set-up plate dimensions [rmm]         6.5           Set-up plate dimensions [rmm]         Aluminium alloy           Set-up plate dimensions [rmm]         9 (135           Sespor in medium detection (Eror 5)         yes           Temperature measure range PT1000 [°C]         (%)           Speed deviation (no load-nominal voltage, at 1500 rpm + 25 °C) [%]         ±2           Heating the plate (at 100°C) [	Speed display actual-value	LED
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]         +13           Heat output [W]         600           Temperature display set-value         LED           Temperature unit         °C           Heat control         Room temp. + device self heating - 310           Temperature setting range [°C]         Room temp. + device self heating - 310           Temperature setting range [°C]         1           Temperature setting range [°C]         1           Temperature setting resolution of heating plate [K]         1           Connection for ext. temperature sensor         P1000, ETS-D5, ETS-D6           Heating tame medium [Kimin]         6.5           Temperature setting resolution of medium [K]         1           Adjustable safety circuit [°C]         50 - 360           Set-up plate dimensions [mm]         Aluminium alloy           Set-up plate dimensions [mm]         Aluminium alloy           Set-up plate dimensions [mm]         £12           Sensor in medium detection (Error 5)         yes           Temperature measure range PT1000 [°C]         £5           Heat control accuracy with Ex. PT1000 [600ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] <td< td=""><td>Speed adjustment</td><td>Turning knob</td></td<>	Speed adjustment	Turning knob
Stirring bar length [mm]         20 - 80           Self-heating of the set-up plate by max. stirring (RT:22°C/duration:th) [K]         +13           Heat output [W]         600           Temperature display set-value         LED           Temperature unit         °C           Heating temperature range [°C]         Room temp. + device self heating - 310           Heat control         Turning knob           Temperature setting range [°C]         1           Temperature setting resolution of heating plate [K]         1           Connection for ext. temperature sensor         PT1000, ETS-D5, ETS-D6           Heating rate medium [K/min]         6.5           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 (Eror 5)         yes           Temperature measure range PT1000 [°C]         ½20 - 310           Speed deviation (no load,nominal voltage, at 1500 rpm + 25 °C) [%]         ±2           Heat control accuracy with Ex Ex T1000 (Sombil H2O in 600ml beaker, 40mm stirring bar, 600 rpm, 50°C) [K]         ±1           Heat control accuracy with Ex Ex D5 (500ml H2O in 600ml beaker, 40mm stirring bar, 600 rpm, 50°C) [K]         ±0.5<	Speed range [rpm]	50 - 1500
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]	Setting accuracy speed [rpm]	10
Heat output [W]   Temperature display set-value   LED	Stirring bar length [mm]	20 - 80
Temperature display set-value	Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]	+13
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           Temperature setting resolution of heating plate [K]         1           Connection for ext. temperature sensor         PT1000, ETS-D5, ETS-D6           Heating rate medium [K/min]         6.5           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           Temperature measure range PT1000 [°C]         20 - 310           Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H1850) [K/min]         6.5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]         ±1           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]         ±0.5 <td< td=""><td>Heat output [W]</td><td>600</td></td<>	Heat output [W]	600
Temperature unit         °C           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, ETS-D5, ETS-D6           Heating rate medium [Kmin]         6.5           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           Temperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H20 in H1500) [K/min]         ±5           Heat control accuracy with ext. PT1000 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±1           Heat control accuracy with ETS-D5 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.2           Dimensions (W x H x D) [mm]         160 x 85 x 270           Weig	Temperature display set-value	LED
Heating temperature range [°C]   Room temp. + device self heating - 310     Heat control   Turning knob   0 - 310     Temperature setting range [°C]   1     Connection for ext. temperature sensor   PT1000, ETS-D5, ETS-D6     Heating rate medium [K/min]   6.5     Temperature setting resolution of medium [K]   1     Adjustable safety circuit [°C]   50 - 360     Set-up plate of medium detection (Error 5)   9es     Temperature measure range PT1000 [°C]   -20 - 310     Spead deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]   +2     Heating rate (11 H2O in H1500) [K/min]   6.5     Heat control accuracy of heating plate (at 100°C) [K]   +4     Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]   +0.5     Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]   +0.2     Dimensions (W x H x D) [mm]   160 x 85 x 270     Permissible ambient temperature [°C]   5 - 40     Permissible relative humidity [%]   1942     RS 232 interface   yes     USB interface   Yew   Yes     Power input [W]   50.00     Hours   Yes   Yes   Yes   Yes     USB interface   Yes   Yes   Yes     USB interface   Yes   Yes   Yes     USB interface   Yes   Yes   Yes   Yes     USB interface   Yes   Yes   Yes   Yes     USB interface   Yes   Yes   Yes   Yes   Yes   Yes     USB interface   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes   Yes     USB interface   Yes   Ye	Temperature display actual-value	LED
Heat control   Turning knob   O - 310	Temperature unit	°C
Temperature setting range [°C]	Heating temperature range [°C]	Room temp. + device self heating - 310
Temperature setting resolution of heating plate [K]  Connection for ext. temperature sensor  Heating rate medium [K/min]  Temperature setting resolution of medium [K]  Adjustable safety circuit [°C]  Set-up plate material  Set-up plate material  Sensor in medium detection (Error 5)  Temperature measure range PT1000 [°C]  Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]  Heating rate (11 H20 in H1500) [K/min]  Heat control accuracy of heating plate (at 100°C) [K]  Heat control accuracy with ETS-D5 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H20 in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  # ±0.2  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 [%]  Protection class according to DIN EN 60529  IP 42  RS 232 interface  USB interface  yes  Voltage [V]  Frequency [Hz]  50/60  Fower input [W]	Heat control	Turning knob
Connection for ext. temperature sensor         PT1000, ETS-D5, ETS-D6           Heating rate medium [K/min]         6.5           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           Temperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H1500) [K/min]         6.5           Heat control accuracy of heating plate (at 100°C) [K]         ±5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5 <td< td=""><td>Temperature setting range [°C]</td><td>0 - 310</td></td<>	Temperature setting range [°C]	0 - 310
Heating rate medium [K/min]   6.5	Temperature setting resolution of heating plate [K]	1
Temperature setting resolution of medium [K]	Connection for ext. temperature sensor	PT1000, ETS-D5, ETS-D6
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  Temperature measure range PT1000 [°C] -20 - 310  Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%] ±2  Heating rate (11 H2O in H1500) [K/min] 6.5  Heat control accuracy of heating plate (at 100°C) [K]  Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] ±1  Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] ±0.5  Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] ±0.2  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  Frequency [Hz] 50/60  Power input [W]	Heating rate medium [K/min]	6.5
Set-up plate material         Aluminium alloy           Set-up plate dimensions [mm]         Ø 135           Sensor in medium detection (Error 5)         yes           Temperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H1500) [K/min]         6.5           Heat control accuracy of heating plate (at 100°C) [K]         ±5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           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           Frequency [Hz]         50/60           Power input [W]	Temperature setting resolution of medium [K]	1
Set-up plate dimensions [mm]         Ø 135           Sensor in medium detection (Error 5)         yes           Temperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H1500) [K/min]         6.5           Heat control accuracy of heating plate (at 100°C) [K]         ±5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.2           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           Frequency [Hz]         50/60           Power input [W]         650	Adjustable safety circuit [°C]	50 - 360
Sensor in medium detection (Error 5)         yes           Temperature measure range PT1000 [°C]         -20 - 310           Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (11 H2O in H1500) [K/min]         6.5           Heat control accuracy of heating plate (at 100°C) [K]         ±5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.2           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           Voltage [V]         220 - 230           Frequency [Hz]         50/60           Power input [W]         650	Set-up plate material	Aluminium alloy
Temperature measure range PT1000 [°C]   -20 - 310     Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C) [%]   ±2     Heating rate (1I H2O in H1500) [K/min]   6.5     Heat control accuracy of heating plate (at 100°C) [K]   ±5     Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]   ±0.5     Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]   ±0.2     Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C) [K]   ±0.2     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     Frequency [Hz]   50/60     Power input [W]   650	Set-up plate dimensions [mm]	Ø 135
Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]         ±2           Heating rate (1I H2O in H1500) [K/min]         6.5           Heat control accuracy of heating plate (at 100°C) [K]         ±5           Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±1           Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.5           Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]         ±0.2           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           Frequency [Hz]         50/60           Power input [W]         650	Sensor in medium detection (Error 5)	yes
Heating rate (1I H2O in H1500) [K/min]  Heat control accuracy of heating plate (at 100°C) [K]  Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Dimensions (W x H x D) [mm]  Weight [kg]  Permissible ambient temperature [°C]  Permissible relative humidity [%]  Protection class according to DIN EN 60529  RS 232 interface  USB interface  Voltage [V]  Frequency [Hz]  Power input [W]	Temperature measure range PT1000 [°C]	-20 - 310
Heat control accuracy of heating plate (at 100°C) [K]  Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Dimensions (W x H x D) [mm]  Weight [kg]  Permissible ambient temperature [°C]  Permissible relative humidity [%]  Protection class according to DIN EN 60529  RS 232 interface  USB interface  Ves  Voltage [V]  Frequency [Hz]  Power input [W]	Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [%]	±2
Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K] Dimensions (W x H x D) [mm]  Weight [kg] Permissible ambient temperature [°C] Permissible relative humidity [%] Protection class according to DIN EN 60529  RS 232 interface USB interface Voltage [V] Frequency [Hz] Power input [W]	Heating rate (1I H2O in H1500) [K/min]	6.5
Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Dimensions (W x H x D) [mm]  Weight [kg]  Permissible ambient temperature [°C]  Permissible relative humidity [%]  Protection class according to DIN EN 60529  RS 232 interface  USB interface  Voltage [V]  Frequency [Hz]  Power input [W]  #0.5  ±0.2  ±0.2  ±0.2  ±0.2  160 x 85 x 270  2.4  80  IP 42  yes  Ves  Ves  Voltage [V]  Frequency [Hz]  Foo/60  650	Heat control accuracy of heating plate (at 100°C) [K]	±5
Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]  Dimensions (W x H x D) [mm]  Weight [kg]  Permissible ambient temperature [°C]  Permissible relative humidity [%]  Protection class according to DIN EN 60529  RS 232 interface  USB interface  Voltage [V]  Frequency [Hz]  Power input [W]  ±0.2  ±0.2  ±0.2  ±0.2  ±0.2  40  E0.2  160 x 85 x 270  2.4  80  Protection class according to DIN EN 60529  IP 42  yes  yes  50/60  650	Heat control accuracy with ext. PT1000 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]	±1
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         Frequency [Hz]       50/60         Power input [W]       650	Heat control accuracy with ETS-D5 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]	±0.5
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         Frequency [Hz]       50/60         Power input [W]       650	Heat control accuracy with ETS-D6 (500ml H2O in 600ml beaker,40mm stirring bar,600rpm,50°C) [K]	±0.2
Permissible ambient temperature [°C] 5 - 40  Permissible relative humidity [%] 80  Protection class according to DIN EN 60529  RS 232 interface yes  USB interface yes  Voltage [V] 220 - 230  Frequency [Hz] 50/60  Power input [W] 650	Dimensions (W x H x D) [mm]	160 x 85 x 270
Permissible relative humidity [%]         80           Protection class according to DIN EN 60529         IP 42           RS 232 interface         yes           USB interface         yes           Voltage [V]         220 - 230           Frequency [Hz]         50/60           Power input [W]         650	Weight [kg]	2.4
Protection class according to DIN EN 60529       IP 42         RS 232 interface       yes         USB interface       yes         Voltage [V]       220 - 230         Frequency [Hz]       50/60         Power input [W]       650	Permissible ambient temperature [°C]	5 - 40
RS 232 interface         yes           USB interface         yes           Voltage [V]         220 - 230           Frequency [Hz]         50/60           Power input [W]         650	Permissible relative humidity [%]	80
USB interface         yes           Voltage [V]         220 - 230           Frequency [Hz]         50/60           Power input [W]         650	Protection class according to DIN EN 60529	IP 42
Voltage [V]         220 - 230           Frequency [Hz]         50/60           Power input [W]         650	RS 232 interface	yes
Frequency [Hz]         50/60           Power input [W]         650	USB interface	yes
Power input [W] 650	Voltage [V]	220 - 230
Power input [W] 650	Frequency [Hz]	50/60
Power input standby [W] 1.6	Power input [W]	650
	Power input standby [W]	1.6



Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.