



designed for scientists



RCT 5 digital

/// Fiche technique

Available in second quarter 2019 only.

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



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programmed individually for all three models from beginning to end. In this way, the reaction runs reliably and safely even without monitoring.

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.



Données techniques

Nombre de postes	1
Capacité d'agitation max. (H ₂ O) [l]	20
Puissance du moteur débitée [W]	9
Direction of rotation	right / left
Speed display set-value	LCD
Speed display actual-value	LCD
Possibilité de réglage de la vitesse	Turning knob
Plage de vitesse [rpm]	50 - 1500
Réglage de la vitesse d'exactitude [rpm]	10
longueur du barreau aimanté [mm]	30 - 80
auto-chauffage de la plaque (RT:22°C pour une durée 1h) [+K]	13
Puissance de chauffage [W]	850
Temperature display set-value	LCD
Temperature display actual-value	LCD
Temperature unit	°C / °F
Plage de température [°C]	Room temp. + device self heating - 310
Possibilité de réglage de la température de chauffage	Turning knob
Temperature setting range [°C]	0 - 310
Temperature setting resolution of heating plate [K]	1
Connexion pour une sonde de température externe	PT1000, ETS-D5, ETS-D6
Temperature setting resolution of medium [K]	1
Circuit de sécurité réglable [°C]	50 - 370
Matériaux de la plaque	Aluminum with ceramic coating
Dimensions de la plaque [mm]	137 x 137
Automatic reverse rotation	oui
Intermittend mode	oui
Mesure de l'évolution de la viscosité	oui
Minuterie	oui
Sensor in medium detection (Error 5)	oui
Speed deviation (no load,nominal voltage, at 1500rpm + 25 °C) [±%]	2
Heating rate (1l H ₂ O in H1500) [K/min]	7.5
Heat control accuracy of heating plate (at 100°C) [±K]	5
Heat control accuracy with ext. PT1000 (500ml H ₂ O in 600ml beaker,40mm stirring bar,600rpm,50°C) [±K]	0.5
Heat control accuracy with ETS-D5 (500ml H ₂ O in 600ml beaker,40mm stirring bar,600rpm,50°C) [±K]	0.5
Heat control accuracy with ETS-D6 (500ml H ₂ O in 600ml beaker,40mm stirring bar,600rpm,50°C) [±K]	0.2
Dimensions (L x P x H) [mm]	160 x 85 x 270
Poids [kg]	2.6
Plage de température du milieu admise [°C]	5 - 40
Humidité relative admissible [%]	80
Protection selon DIN EN 60529	IP 42
Interface numérique RS 232	oui
Interface numérique USB	oui
Tension [V]	220 - 230 / 115 / 100
Fréquence [Hz]	50/60
Puissance absorbée de l'appareil [W]	900
Puissance absorbée de l'appareil Standby [W]	1.6