

## Technical Data

Stirring quantity max. per stirring position (H2O) [l]	20
Motor rating input [W]	176
Motor rating output [W]	125
Motor principle	Brushless DC
Speed display	TFT
Speed range [rpm]	0/150 - 6000
Intermittent operation	yes
Viscosity max. [mPas]	10000
Output max. at stirring shaft [W]	125
Permissible ON time [%]	100
Torque max. at stirring shaft [Ncm]	20
Speed control	stepless
Setting accuracy speed [ $\pm$ rpm]	1
Deviation of speed measurement $n > 300$ rpm [ $\pm$ %]	1
Deviation of speed measurement $n < 300$ rpm [ $\pm$ rpm]	3
Stirring element fastening	special output shaft
Connection for ext. temperature sensor	PT1000
Temperature display	yes
Fastening on stand	extension arm
Extension arm diameter [mm]	16
Extension arm length [mm]	220
Torque display	yes
Nominal torque [Nm]	0.2
Torque measurement	trend
Deviation of torque measurement I [ $\pm$ Ncm]	6
Timer	yes
Timer display	TFT
Time setting range [min]	1 - 6000
Temperature measuring range [°C]	-10 - +350
Temperature measurement resolution [K]	0.1
Accuracy of temperature measurement [K]	$\pm 0.5 + \text{tolerance PT1000 (DIN EN 60751 Class A)}$
Limit deviation temperature sensor [K]	$\leq \pm (0.15 + 0.002 \times  T )$
Housing material	alu-cast coating / thermoplastic polymer
Communication distance (depend on building) max. [m]	150
Dimensions (W x H x D) [mm]	86 x 325 x 230
Weight [kg]	5.242
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 40
RS 232 interface	yes
USB interface	yes
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	176