

MST digital

Magnetic stirrer with revolutionary technology and new functions:

- 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
- 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. TC 3, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Highly polished aluminium heating plate for optimum heat transfer
- High magnetic adhesion
- Incl. protection cover



Technical Data			
Number of stirring positions [-]	1	Stirring quantity max. per stirring position (H2O) [l]	20
Speed deviation of individual stirring positions [%]	5	Stirring quantity max. (H2O) [l]	20
Motor rating input [W]	16	Motor rating output [W]	9
Speed display [-]	LED	Speed range [1/min]	50 - 1500
Stirring bar length max. [mm]	80	Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	6.5	Heating temperature range [°C]	50 - 310
Heat control [-]	LED	Heat control accuracy [±K]	1
Speed control [-]	stepless	Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	360	Connection for ext. temperature sensor [-]	DIN 12 878
Control accuracy with sensor [±K]	1	Temperature constancy in medium [±K]	1
Set-up plate material [-]	Aluminium alloy	Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	165 x 85 x 275	Weight [kg]	2.5
Permissible ambient temperature [°C]	5 - 40	Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 [-]	IP 42	Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60	Power input [W]	650