

yellow MAG HS 10



New magnetic stirrer with heating

- Heating plate made of glass-ceramic
- Excellent resistance to chemicals
- Exact temperature setting via digital potentiometer
- Target value display for hot plate control
- Simultaneous digital display of target and actual temperatures via LCD display
- Display of actual temperature value in medium with 0,1 °C resolution when using PT 1000 temperature sensor
- Control accuracy in medium +/- 0,5 °C (in combination with PT 1000)
- Integrated contact thermometer TC 3 (all TC 3 functions contained in appliance)
- Device control using two microcontrollers
- Option of directly connecting PT 1000 temperature sensor
- Error code display for faults
- Safety temperature limit: appliance switches off over 550 °C
- 3 operating modes to choose from (standard, safe, adjustment protection)
- Warning when plate is hot: flashing display $\hat{H}O\hat{T}$ to prevent burns
- Incl. PT 1000 temperature sensor

Technical Data			
Number of stirring positions [-]	1	Stirring quantity max. per stirring position (H ₂ O) [l]	15
Stirring quantity max. (H ₂ O) [l]	15	Motor rating input [W]	15
Motor rating output [W]	1.5	Speed range [1/min]	100 - 1500
Stirring bar length max. [mm]	80	Heat output [W]	1500
Heating rate (1 l H ₂ O in H15) [K/min]	5	Heating temperature range [°C]	50 - 500
Heat control [-]	stepless	Heat control accuracy [±K]	1
Speed control [-]	scale 0 - 6	Fixed safety circuit [°C]	550
Connection for ext. temperature sensor [-]	PT1000	Control accuracy with sensor [±K]	0.5
Temperature constancy in medium [±K]	0.5	Accuracy of temperature measurement [K]	±0.2 + tolerance PT1000 (DIN IEC 751 Class A)
Temperature measurement resolution [K]	0.1	Set-up plate material [-]	ceramic
Set-up plate dimensions [mm]	280 x 280	Dimensions (W x H x D) [mm]	300 x 105 x 415
Weight [kg]	6	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 21
Voltage [V]	230 / 120 / 100	Frequency [Hz]	50/60
Power input [W]	1520		