

## yellow MAG HS 7



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 (H2O) [l]	10
Stirring quantity max. (H2O) [l]	10	Motor rating input [W]	15
Motor rating output [W]	1.5	Speed display [-]	scale
Speed range [1/min]	100 - 1500	Stirring bar length max. [mm]	80
Heat output [W]	1000	Heating rate (1 l H2O in H15) [K/min]	5
Heating temperature range [°C]	50 - 500	Heat control [-]	stepless
Heat control accuracy [ $\pm$ K]	1	Speed control [-]	scale 0 - 6
Fixed safety circuit [°C]	550	Connection for ext. temperature sensor [-]	PT1000
Control accuracy with sensor [ $\pm$ K]	0.5	Temperature constancy in medium [ $\pm$ K]	0.5
Accuracy of temperature measurement [K]	$\pm 0.2$ + tolerance PT1000 (DIN IEC 751 Class A)	Temperature measurement resolution [K]	0.1
Set-up plate material [-]	ceramic	Set-up plate dimensions [mm]	180 x 180
Dimensions (W x H x D) [mm]	215 x 105 x 330	Weight [kg]	5
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]	1020