

## yellowline MAG HP 4



### New heating plate

- 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 „HOT“ to prevent burns
- Incl. PT 1000 temperature sensor

Technical Data			
Number of heating points [-]	1	Heat output [W]	250
Heating temperature range [°C]	50 - 500	Heat control [-]	stepless
Heat control accuracy [±K]	1	Connection for ext. temperature sensor [-]	PT1000
Control accuracy with sensor [±K]	0.5	Temperature constancy in medium [±K]	0.5
Heating rate (1 l H <sub>2</sub> O in H15) [K/min]	2.5	Set-up plate material [-]	ceramic
Set-up plate dimensions [mm]	120 x 120	Fixed safety circuit [°C]	550
Dimensions (W x H x D) [mm]	150 x 105 x 260	Weight [kg]	3
Permissible ambient temperature [°C]	5 - 80	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]	255