

Complete Hotplate Stirrer Kit

Super-safe features

NEW improved design

NEW from Asynt, our complete hotplate stirrer kit has a robust, 600 W, maintenance-free motor, sealed tempered glass exterior, and comes complete with all the basics you'll require in order to begin heating and stirring, including PT1000 sensor.

With a wide range of safety features including independent adjustable temperature circuit, features to prevent adjustment of temperature outside of the set range, and extended 2+1 year warranty, the Asynt complete hotplate stirrer kit is ideal for use with our sustainable DrySyn heating blocks, lab pressure reactors, and much more.



- Independent adjustable temperature safety circuit
- Exact temperature and speed setting via digital display, even when switched off
- Hot Top indicator - hot surface warning to prevent burns
- Capable of sensing temperatures from 0 °C to 310 °C, or -20 °C to 310 °C with external sensor
- RS232 and USB ports
- Enclosed maintenance-free motor assembly guarantees long service life
- Heat control accuracy with PT1000 probe: ± 1 °C

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- 1 Magnetic hotplate stirrer
- 2 Clamp
- 3 Boss head
- 4 PT 1000
- 5 Support rod

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O)	20 l
Motor rating output	9 W
Direction of rotation	right
Speed display set-value	LED
Speed display actual-value	LED
Speed adjustment	Turning knob
Speed range	50 - 1500 rpm
Setting accuracy speed	10 rpm
Stirring bar length	20 - 80 mm
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h)	+13 K
Heat output	600 W
Temperature display set-value	LED
Temperature display actual-value	LED
Temperature unit	°C
Heating temperature range	Room temp. + device self heating - 310 °C
Heat control	Turning knob
Temperature setting range	0 - 310 °C
Temperature setting resolution of heating plate	1 K
Connection for ext. temperature sensor	PT1000, ETS-D5, ETS-D6
Heating rate medium	6.5 K/min
Temperature setting resolution of medium	1 K
Adjustable safety circuit	50 - 360 °C
Set-up plate material	Aluminium alloy
Set-up plate dimensions	Ø 135 mm
Sensor in medium detection (Error 5)	yes
Temperature measure range PT1000	-20 - 310 °C
Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C)	±2 %
Heating rate (1l H ₂ O in H1500)	6.5 K/min
Heat control accuracy of heating plate (at 100°C)	±5 K
Heat control accuracy with ext. PT1000 (500ml H ₂ O in 600ml beaker, 40mm stirring bar, 600rpm, 50°C)	±1 K



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