

## MBI BlueSpin LCD Digital Magnetic Hotplate Stirrer MBI MS-H-Pro<sup>+</sup>

340°C magnetic hotplate stirrers are widely used in chemical synthesis, physical and chemical analysis, bio-pharmaceuticals and other fields.

PID temperature technology precise controls heating process, rapidly reaches target temperature and enhances control accuracy, heating temperature up to 340°C.

Stainless steel hotplate extremely resists of impact and corrosion, also with good uniformity of heating. The hotplate models are suitable for external temperature sensor PT1000, display and control actual medium temperature.

The heating temperature up to 340°C

Automatically identify temperature sensor PT1000 and transfer to PT1000 operation mode. Record and display the last running parameters when switch on

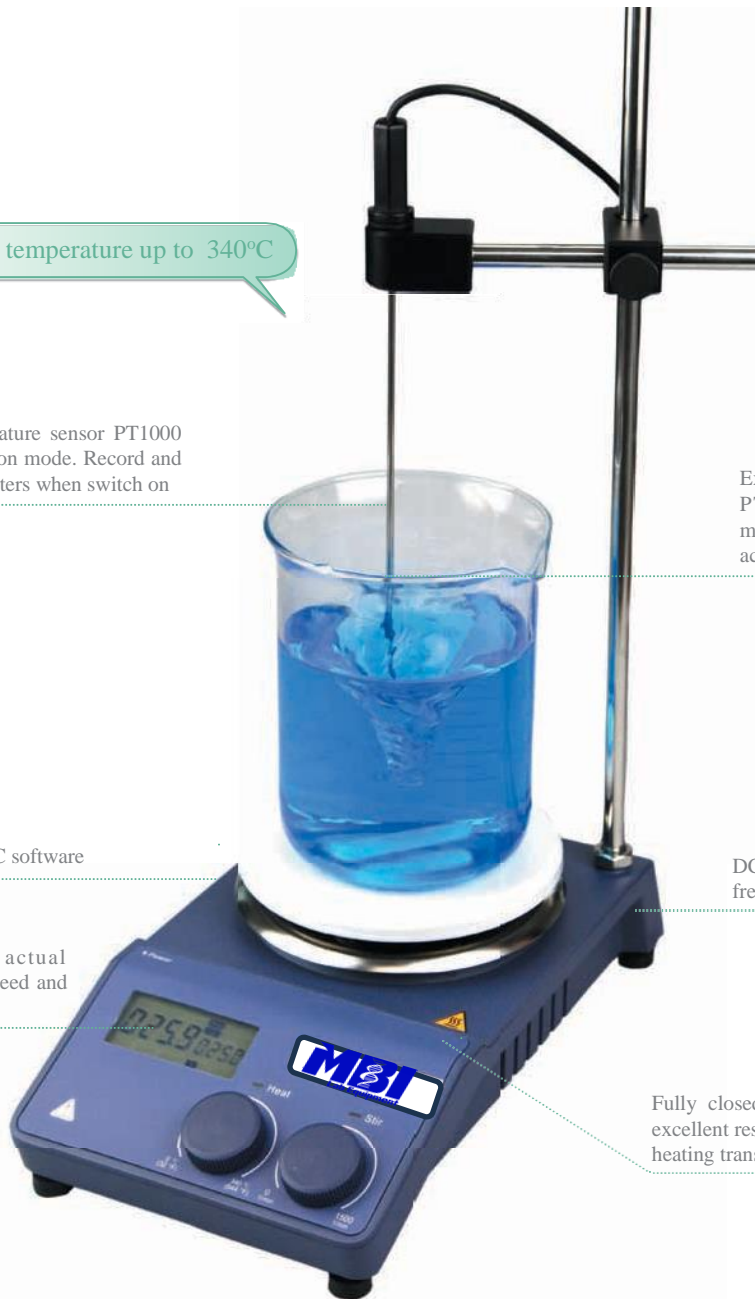
External temperature sensor PT1000 real-time controls medium temperature, control accuracy of  $\pm 0.2^{\circ}\text{C}$

RS232 interface and free StirPC software

DC Brushless motor maintenance free and quiet running

LCD display target and actual temperatures, as well as set speed and actual speed can be displayed

Fully closed aluminum alloy casing has excellent resistance to chemicals and quick heating transfer



MBI MS-H-Pro<sup>+</sup>  
BlueSpin LCD Digital Hotplate Magnetic Stirrer  
with external temperature sensor PT1000

## Features of MBI MS-H-Pro<sup>+</sup> BlueSpin LCD Digital Magnetic Hotplate Stirrer

- External temperature sensor PT1000 is available for hotplate model, real-time controls medium temperature.
- Simple running interface easy to use and program. Automatically identify temperature sensor PT1000 and transfer to PT1000 operation mode. Record and display the last running parameter when switch on.
- LCD display target and actual temperatures, as well as set and actual speed can be displayed.
- PID temperature technology precise controls heating process, rapidly reaches target temperature and enhances control accuracy.
- Brushless DC motor maintenance free and explosion-proofed, accurately control speed
- Fully closed assembly guarantees safety and long service life, effectively prevents the liquid into unit to protect the components from damage
- Separate safety circuits, fixed safety temperature of 360°C, Automatically stops heating once exceed secure temperature
- HOT warning indicates residual hotplate temperature. LCD display would show „Hot% when hotplate temperature over 50°C warning point, even if switched off
- Free software StirPC, computer can control and document all operation values via RS232 interface



MBI MS-H-Pro<sup>+</sup>  
with ceramic coated hotplate

### Tips

#### Performance of work plates

Work plates	Max heating temp (°C)	Corrosion resistance	Uniformity of heating	Impact resistance	Color	Cleaning
Glass ceramic	550	Good	Limited	Limited	White	Excellent
Ceramic	550	Good	Limited	Limited	White	Good
Ceramic coated stainless steel	370	Excellent	Good	Good	White	Good
Stainless steel	370	Good	Good	Good	Silver	Good