

DLAB MS-H280-Pro is a perfect device for handling small volume task on daily application, as a low temperature magnetic stirrer with max. temperature at 280°C.

MS-H280-Pro LED Digital Magnetic Hotplate Stirrer

Features

- Digital temperature control with max. temperature up to 280°C
- Digital speed control with max. speed up to 1500rpm
- Stainless steel work plate with ceramic coating provides good chemical resistant performance
- External temperature control is possible by connecting the temperature sensor(PT1000) with an accuracy at $\pm 0.5^{\circ}\text{C}$
- LED display shows temperature and speed
- The "HOT" warning will flash when the work plate temperature is above 50°C even if the hotplate is turned off



External sensor



Wide range of accessories



Chemical resistance



LED display



Specifications

| | MS-H280-Pro |
|--|---|
| Work plate Dimension | $\phi 135\text{mm}(5\text{ inch})$ |
| Work plate material | stainless steel cover with ceramic |
| Motor type | Brushless DC motor |
| Stirring positions | 1 |
| Max. stirring quantity | 3L |
| Max. magnetic bar[length] | 50mm |
| Speed range | 200-1500rpm |
| Speed display | LED |
| Temperature display | LED |
| Speed display resolution | $\pm 1\text{rpm}$ |
| Heating temperature range | Room temp.-280, increment 1°C |
| Control accuracy of work plate | $\pm 1^{\circ}\text{C}(<100^{\circ}\text{C}) \pm 1\%(>100^{\circ}\text{C})$ |
| Overheating protection | 320°C |
| Temperature display accuracy | $\pm 1^{\circ}\text{C}$ |
| External temperature sensor | PT1000 (accuracy $\pm 0.5^{\circ}\text{C}$) |
| "Hot" warning | 50°C |
| Protection class | IP21 |
| Motor rating input | 5W |
| Motor rating output | 3W |
| Power | 515W |
| Heating output | 500W |
| Voltage | 100-120/200-240V 50/60Hz |
| Dimension[WxDxH] | 150x260x100mm |
| Weight | 1.8kg |
| Permissible ambient temperature and humidity | 5-40°C, 80%RH |

Magnetic Hotplate Stirrers