

## HOTPLATE MAGNETIC STIRRER



### BIMS-005 HOTPLATE MAGNETIC STIRRER

Widely used in medical, biological engineering, chemistry, medicine, food and other research fields. It is a necessary routine instrument for stirring and mixing various reagents, solutions and chemical substances in biological laboratory

### FEATURES

- LED digital display for easy reading
- Special plastic casing is high-temperature resistant and strong flame-retardant
- Temperature is up to 280°C and the safety temperature is 50-320°C
- Stainless steel with ceramic coated hotplate allows for immediate heat transfer
- 3D digital wheel operation to adjust the speed and temperature
- Automatically identifies temperature sensor PT1000 and transfer to PT1000 operation mode.



## TECHNICAL PARAMETERS

| MODEL NO                                                     | BIMS-005                            |
|--------------------------------------------------------------|-------------------------------------|
| Stirring position                                            | 1                                   |
| Set-up plate dimension(mm)                                   | Ø 135                               |
| Set-up plate material                                        | Stainless Steel with ceramic coated |
| motor type                                                   | DC motor                            |
| Max. stirring quantity(H <sub>2</sub> O, L)                  | 5                                   |
| Max. stirring bar (L x Φ , mm)                               | 55*10                               |
| Motor rating input (w)                                       | 3                                   |
| Motor rating output(w)                                       | 2.5                                 |
| Speed range (rpm)                                            | 50-1500                             |
| Speed display                                                | LED                                 |
| Heating temperature range                                    | Room temp.-280°C                    |
| Heating output(w)                                            | 600                                 |
| Temperature display                                          | LED                                 |
| Temperature display accuracy                                 | ±0.1                                |
| Safety temperature (°C)                                      | 50-320                              |
| External temperature sensor                                  | /                                   |
| Control accuracy with external temperature sensor PTI000(°C) | ±1                                  |
| Hot surface warning                                          | 50°C                                |
| Permissible ambient temperature (°C)                         | 5 - 40                              |
| Permissible relative humidity                                | 80%                                 |
| Protection class according to DIN EN 60529                   | IP 42                               |
| Voltage (VAC)                                                | 200-240/100-120                     |

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