



# SCI340-4

## LCD 4-Channel Digital Magnetic Hotplate Stirrer



It is widely used in chemical synthesis, physical and chemical analysis, bio pharmaceuticals etc.

## Features

- Independent heating and stirring control for each position
- LCD display shows real-time temperature and speed
- PID controller ensures a precise and stable heating process (maximum temperature up to 340°C)
- Brushless DC motor is quiet, reliable & maintenance free, and provides more powerful speed control
- External temperature sensor (PT1000) with accuracy 0.2°C
- Overheating protection temperature at 420°C
- Stainless steel work plate with ceramic coating provides good chemical resistance
- Wide variety of accessories available to choose from

| Specifications   | SCI340-4                             |
|--|--------------------------------------|
| Work plate dimension   | Ø135mm ( 5 inch )                    |
| Plate material   | Stainless steel with ceramic coating |
| Motor type   | Brushless DC motor                   |
| Stirring positions   | 4                                    |
| Max. stirring quantity of single position (H <sub>2</sub> O) | 10L                                  |
| Max. magnetic bar  | 40mm                                 |
| Speed range  | 200–1500rpm                          |
| Speed display  | LCD                                  |
| Temperature display  | LCD                                  |
| Control accuracy of sensor                                   | ± 20rpm                              |
| Temperature range  | 25–340°C                             |
| Over temperature protection                                  | 420°C                                |
| Temperature display accuracy                                 | ± 0.1 °C                             |
| External temp. sensor PT1000 Accuracy                        | PT1000( accuracy ± 0.2°C )           |
| IP Protection class  | IP21                                 |
| Motor rating input   | 1.8Wx4                               |
| Power  | 515Wx4                               |
| Heating Power  | 500Wx4                               |
| Voltage  | 100–120V,60Hz; 200–240V,50 Hz        |
| Dimensions[WxDxH]  | 698x270x128mm                        |
| Weight   | 9.5kg                                |
| Permissible ambient temperature                              | 5~40°C                               |
| Permissible relative humidity                                | 80%RH                                |