

# Ceramic Magnetic Stirrer

◎ Magnetic stirring ceramic equipment with heating.

## Characteristics:

- Stretched shell and cover prevent leaking.
- Heating and stirring can proceed simultaneously. Fully enclosed heating plate, no flame, fast heating, strong durability.
- **New digital model Ceramic Magnetic Stirrer with the following function:**
- **SH-4C**
  - Setting temperature precisely.
  - large LCD display, temperature and rotate speed can be displayed simultaneously.
  - Double sensor: outer PT100 sensor to control liquid temperature precisely, inner K model sensor to control hot plate temperature.
- **SH-II-4C**
  - Setting temperature and stirrer speed precisely and no button of stirrer speed.
  - With speed switch to start or stop the stirring at any time.
  - Timing function (0-9999min), time adjustable under artificial requirement.
  - Audible and visual alarm equipped.
  - Double sensor: outer PT100 sensor to control liquid temperature precisely, inner K model sensor to control hot plate temperature.
  - One key to shift inside and outside sensor easily and precisely.
  - Large display can indicate temperature , rotational speed and timing at the same time.



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## Main Technical Parameters:

| Model         |                                        | SH-4A                                | SH-4B      | SH-4               | SH-4C                       | SH-II-4C |
|---------------|----------------------------------------|--------------------------------------|------------|--------------------|-----------------------------|----------|
| Mode          |                                        | Heating                              | Stirring   | Heating + Stirring | Digital+ Heating + Stirring |          |
| Function      | Max. Volume (ML)                       | —                                    | 5000       | 5000               | 5000                        | 5000     |
|               | Speed (r.p.m)                          | —                                    | 200 ~ 2000 |                    |                             |          |
|               | Working Time                           | Continuous                           |            |                    |                             |          |
|               | Minimum Revolution ( R.P.M.)           | —                                    | 200        | 200                | 200                         | 200      |
|               | Max. Temp ( °C )                       | 380                                  | —          | 380                | 350                         | 350      |
| Structure     | Exterior                               | Iron plate welding, surface spraying |            |                    |                             |          |
|               | Heating Plate                          | Ceramic coated                       |            |                    |                             |          |
|               | Driving Mode                           | —                                    | Motor      |                    |                             |          |
|               | Motor Power (W)                        | —                                    | 20         | 20                 | 20                          | 20       |
|               | Heating Power(kW)                      | 0.6                                  | —          | 0.6                | 0.6                         | 0.6      |
|               | Stir Bar                               | no                                   | PTFE       |                    |                             |          |
| Controller    | Continuous Operation                   | yes                                  |            |                    |                             |          |
|               | Setting Mode                           | Scale                                |            |                    | Digital                     |          |
|               | Speed Display Mode                     | Scale                                |            |                    | Digital                     | Digital  |
|               | Timer                                  | no                                   |            |                    |                             | yes      |
|               | Operation Function                     | no                                   |            |                    |                             | yes      |
|               | Sensor                                 | no                                   |            |                    | PT100                       | PT100    |
| Specification | Exterior Size (W*L*H)(mm)              | 320 × 190 × 125                      |            |                    |                             |          |
|               | Packing Size (W*L*H)(mm)               | 390 × 240 × 230                      |            |                    |                             |          |
|               | Plate Size ( mm )                      | 190 × 190                            |            |                    |                             |          |
|               | Plate Load                             | 10KG                                 |            |                    |                             |          |
|               | Power Supply( 50/60Hz ) Current Rating | 110V or 220V                         |            |                    |                             |          |
|               | NW/GW ( kg )                           | 5/6                                  | 5/6        | 5/6                | 5/6                         | 5/6      |