



External sensor



Brushless DC motor



Wide range of accessories



RS232 connector



Chemical resistance



Specifications

| | SCI340-Pro | SCI340-ProT | SCI340-HS |
|--|------------------------------------|------------------------------------|------------------------------------|
| Work plate dimension | φ135mm(5 inch) | φ135mm(5 inch) | φ135mm(5 inch) |
| Work plate material | stainless steel cover with ceramic | stainless steel cover with ceramic | stainless steel cover with ceramic |
| Motor type | Brushless DC motor | Brushless DC motor | Brushless DC motor |
| Motor rating input | 18W | 18W | 18W |
| Motor rating output | 10W | 10W | 10W |
| Power | 550W | 550W | 530W |
| Heating output | 500W | 500W | 500W |
| Voltage | 100-120/200-240V 50/60Hz | 100-120/200-240V 50/60Hz | 100-120/200-240V 50/60Hz |
| Stirring positions | 1 | 1 | 1 |
| Max. stirring quantity[H ₂ O] | 20L | 20L | 20L |
| Max. magnetic bar[length] | 80mm | 80mm | 80mm |
| Speed range | 100-1500rpm resolution±1rpm | 100-1500rpm resolution±1rpm | 0-1500rpm resolution±1rpm |
| Speed display | LCD | LCD | Scale |
| Temperature display | LCD | LCD | Scale |
| Heating temperature range | Room temp.-340°C, increment 1°C | Room temp.-340°C, increment 1°C | Room temp.-340°C |
| Temperature control accuracy | ±1°C(<100°C) ±1%(>100°C) | ±1°C(<100°C) ±1%(>100°C) | - |
| Over temperature protection | 360°C | 360°C | 350°C |
| Temperature display accuracy | ±0.1°C | ±0.1°C | ±0.5°C |
| External temperature sensor | PT1000 (accuracy ±0.2) | PT1000 (accuracy ±0.2) | - |
| "Hot" warning | 50°C | 50°C | - |
| Timer function | - | 1min to 99h 59min | - |
| Data connector | RS232 | RS232 | - |
| Protection class | IP42 | IP42 | IP42 |
| Dimension[WxDxH] | 160×280×85mm | 160×280×85mm | 160×280×85mm |
| Weight | 2.8kg | 2.8kg | 2.8kg |
| Permissible ambient temperature and humidity | 5-40°C, 80%RH | 5-40°C, 80%RH | 5-40°C, 80%RH |