

Cole-Parmer® Stuart™ Shaking Incubator – SI500 & SI600

- Incubator with shaker
- Integrated timer
- Digital display for temperature and speed
- Retractable platform for easy loading and unloading
- Optimised performance to minimise sample evaporation
- Communications enabled for external temperature measurement
- Comes in two sizes - 51 L and 115 L
- Three year warranty





Cole-Parmer® Stuart™ Shaking Incubator – SI500 & SI600

The Cole-Parmer® Stuart™ SI505 and SI600 range of incubators, with integrated shakers, are ideal for cell culturing procedures, especially suspension culture applications.

The compact units feature a microprocessor controller and an LED control panel that allow independent control of speed and temperature, as well as a timer that can be set for any duration from 1 second to 9 days. Forced air circulation within the incubator ensures temperature uniformity, between +5°C and +60°C throughout the sample chamber. A retractable platform facilitates easier access to samples at the back of the incubators. Both models have a versatile clamping system, for common flask sizes - up to 1 L on the SI500 and 2 L on the SI600. A wide range of stainless-steel accessory racks are also available for smaller sample tubes - 1.5ml, 15ml and 50ml. Accessory racks are held to the shaking platform by a Magnalock system, to ensure quick and easy coupling and de-coupling.

The incubators feature smoked acrylic windows to allow easy visibility of the samples and the compact design ensures the units do not take up much space on the lab bench. The built-in USB connection with dedicated software allows long term temperature monitoring.

Technical Specification

| Specification | SI500 | SI600 |
|-------------------------------------|-------------------|-------------------|
| Temperature range | Ambient +5 - 60°C | Ambient +5 - 60°C |
| Temperature display resolution | 0.1°C | 0.1°C |
| Temperature precision | ± 0.5°C | ± 0.5°C |
| Temperature fluctuation | ± 0.5°C | ± 0.5°C |
| Temperature variation | <0.5°C | <0.5°C |
| Speed range, rpm | 30 to 300 rpm | 30 to 300 rpm |
| Orbit diameter, mm | 16 | 16 |
| Platform size, mm | 335 x 335 | 526 x 390 |
| Capacity, L | 51 | 115 |
| Internal dimensions (w x d x h), mm | 422 x 408 x 297 | 623 x 465 x 395 |
| Maximum vessel height, mm | 250 | 300 |
| Maximum load, kg | 10 | 10 |
| Overall dimensions (w x d x h),mm | 450 x 474 x 522 | 675 x 542 x 642 |
| Net weight, kg | 30 | 55 |
| Heater power | 250W | 400W |
| Electrical supply | 230V, 50Hz, 300W | 230V, 50Hz, 450W |

Ordering Information

| Description | Ordering Number | Series No. | Model No. | Legacy Sku. |
|--|-----------------|------------|---------------|---------------|
| Incubator orbital shaker | 79520-04 | SI-200 | SI-200D | SI500 |
| Incubator orbital shaker 120V/60HZ | 79520-00 | SI-200 | SI-200D-120 | SI500/120/60 |
| Incubator orbital shaker with IQOQ document | 79520-06 | SI-200 | SI-200D | SI500/IQOQ |
| Incubator orbital shaker | 79520-16 | SI-200 | SI-200D-L | SI600 |
| Incubator orbital shaker 120V/60HZ 120V/60HZ | 79520-14 | SI-200 | SI-200D-L-120 | SI600/120V/60 |
| Incubator orbital shaker with IQOQ document | 72520-18 | SI-200 | SI-200D-L | SI600/IQOQ |

Accessories

| Description | Ordering Number | Series No. | Legacy Sku. |
|---|-----------------|------------|-------------|
| Tube rack, 1.5ml x 64 microtubes | 79520-96 | SI-200 | SI500/1 |
| Tube rack, 15ml x 25 centrifuge tubes | 79520-97 | SI-200 | SI500/2 |
| Tube rack, 50ml x 12 centrifuge tubes | 79520-98 | SI-200 | SI500/3 |
| Tube rack, 16ml x 30 universal containers | 79520-99 | SI-200 | SI500/4 |

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