

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

coleparmer.com

USA:
+1.800.323.4340
+1.847.549.7600

Canada: +1.800.363.5900
China: +86.21.5109.9909
France: +33 (0) 1486 37800
Germany: +49 (0) 9377 92030

India: +1.800.266.1244
Italy: +39 (0) 1313 89513
UK: +44 (0) 1480 272279
All other countries: +1.847.549.7600

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