

## Incubator with orbital shaker, SI500 and SI600



Combined bench model shaker and incubator comes in 2 standard models plus a 115 litre refrigerated model, all are ideal for cell culturing procedures, especially suspension culture applications. The microprocessor controlled orbital shaking motion is adjustable between 30 to 300rpm is set via the digital LED control panel and has a gentle start action. As an added feature, the 1 second to 9 day digital timer, once counted down, sounds an audible alarm, however, the incubator continues to run to preserve the integrity of the sample under test.

For operator convenience, the door and both sides of the incubator have smoked acrylic windows installed for ease of sample visibility.

Temperature settings are set via a bright LED display encoder control that ensures that adjustments between ambient +5°C and 60°C can be made quickly. A uniform temperature is ensured by means of forced air circulation.

The retractable shaking platform, which is locked in place during normal operation, has a versatile clamping system which accommodates flasks of varying capacities. Its pull out action enables easy access to samples at the back of the incubator.

A USB connection is fitted for temperature monitoring. The incubator can be run for extended periods of time, i.e. over weekends.

Stainless steel accessory racks are available which allow samples to be tilted up to 30° and are easily coupled and de-coupled thanks to the Magnalock system.

Typically, the platform in the model SI500, which accepts flasks up to 1 litre capacity, will accommodate the following Erlenmeyer flasks: 12 x 250 ml, or 9 x 500 ml or 6 x 1000ml. The platform in models SI600 and SI600C which accepts flasks up to 2000ml capacity will accommodate the following Erlenmeyer flasks: 6 x 2000ml, 8 x 1000ml or 15 x 500ml.

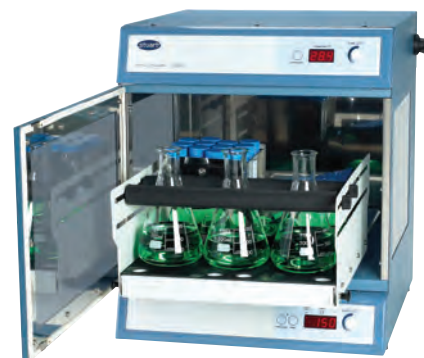
- Combined incubator shaker
- Digital display for temperature and speed
- Integrated timer
- Unique retractable platform for easy loading and unloading
- Angle adjustable accessory tube racks, with patent pending Magnalock coupling system available
- Coms enabled for external temperature measurement
- With BioCote antimicrobial protection

Technical Specifications	SI500	SI600	SI600C
Capacity	51 Litres	115 Litres	115 Litres
Temperature range	Ambient +5°C to 60°C	Ambient +5°C to 60°C	-15°C to 60°C*
Temperature display resolution	0.1°C	0.1°C	0.1°C
Temperature precision	±0.5°C	±0.5°C	±0.5°C
Temperature fluctuation	±0.5°C	±0.5°C	±0.5°C
Temperature variation	<0.5°C	<0.5°C	±0.5°C
Speed range	30 to 300 rpm	30 to 300 rpm	30 to 300 rpm
Orbit diameter	16mm	16mm	16mm
Platform size	335 x 335mm	526 x 390mm	520 x 390mm
Internal dimensions (WxDxH)	422 x 408 x 297mm	623 x 465 x 395mm	625 x 455 x 380mm
Maximum vessel height	250mm	300mm	320mm
Maximum load	10kg	10kg	10kg
Overall dimensions (WxDxH)	450x474x522mm	675x542x642mm	675x562(592*)x640mm
Nett weight	30kg	55kg	60kg
Heater power	250W	400W	400W
Electrical supply	230V, 50Hz, 300W	230V, 50Hz, 450W	230V, 50Hz, 450W

\*592mm depth with cooling connectors attached

Cat. No.	Code	Description
IN/15202	SI500	Incubator, orbital shaker, 51 litres
IN/15222	SI600	Incubator, orbital shaker, 115 litres
IN/15224	SI600C	Incubator, orbital shaker, 115 litres, refrigerated version. Requires chiller ER/15224 for below ambient operation
ER/15026*	SRC5	Recirculating cooler -20°C
<b>Accessories for all models</b>		
IN/15204	SI500/1	Tube rack, 1.5ml x 64 microtubes
IN/15206	SI500/2	Tube rack, 15ml x 25 centrifuge tubes
IN/15208	SI500/3	Tube rack, 50ml x 12 centrifuge tubes
IN/15210	SI500/4	Tube rack, 16 x 30ml Universal containers

\* The cooler is only required for the refrigerated version



IN/15202



IN/15202



IN/15204, IN/15206 & IN/15208