

Be Scientific Stackable Shaking Incubator



- Stackable up to 3 units high
- Temperature Range 4 to 60°C
- Large, easy to use touch screen display
- Speed Range 30-300rpm
- Capacity for flasks up to 8 x 2L per platform
- Adjustable shaking orbit from 1-50mm
- UV sterilisation system for contamination control
- Pre drilled platform included as standard
- Platform tray slides out for convenient loading and unloading. Option to fit a pull up door for easy loading of the top unit in a triple stack
- Option to install photosynthetic LED lighting (factory fitted only)
- 50mm access port fitted as standard
- Key lock door with password protection for unauthorised changes of settings
- Data recording possible
- Wide range of flask clamps, test tube racks and plate clamps are available
- 2 year warranty

The Be Scientific INS-S18200R Shaking Incubators offer a space-saving solution for laboratories by allowing up to three units to be stacked while maintaining the same footprint as a single shaker.

These units feature an intuitive 5.6" LCD touch screen, a durable direct beltless driving system with adjustable shaking speed (30-300 RPM) and a quiet brushless DC motor. The stainless-steel inner chamber is easy to clean and can accommodate up to 8 x 2L flasks per platform. Additional factory fitted options include LED lighting for phototrophic cultivation (choice of mono cool white, or Red & Blue dual light colours and intensity can be controlled to simulate day/night cycles), upward door opening and built-in data logging with a printer. The incubators are designed for maximum efficiency, versatility, and convenience in high-capacity shaking applications.

Capacity 190 L

Control P.I.D Microprocessor

Control Mode Fixed Value or Program (up to 9 segments)

Control Panel LCD Touch Screen

Air Convection Forced

Shaking Mode Orbit

Shaking Speed 30–300 rpm

Stroke Ø1–50 mm stepless adjustable

Temperature Range 4–60 °C

Temperature Accuracy 0.1 °C

Temperature Uniformity ±1 °C @ 37 °C

Timer 1–9999 mins

Platform Tray Size 800 × 430 mm

Inner Chamber 920 × 532 × 395 mm

Exterior Dimensions 1300 × 930 × 735 mm

Weight 250 kg

Power 1200 W / 300 W

Electricity 220–240 V, 50/60 Hz

Safety Features Over-temp, compressor overload, electrical leakage protection

Photosynthetic Lighting LED (50% Red, 50% Blue, 100% Warm White), 700 µmol/m²·s (R/B), 400 µmol/m²·s (White),

Min temp 15 °C



(50% Red, 50% Blue)



(100% Warm White)

Lighting Control Kit	BE-920017	BE-920016
Light Source Light	LED	LED
Color*	50% Red, 50% Blue	100% Warm White
Spectrum	Red: 640-660nm,	400-480 & 510-710nm
Light Intensity	Up to 600 µmol/(m ² ·s)	Up to 300 µmol/(m ² ·s)
Control Range	Individually, from 0-100% output	
Control Mode	Fixed Value & Programmable	
Panel Dimensions	890x500x10mm	
Power	300W	

Flask (ml)	50ml	100ml	250ml	500ml	750ml	2L	P8010	P8010	P8012
INS-S18200R	91	67	38	26	15	11	8	8	19
INS-S28200R	182	134	76	52	30	22	22	16	38
INS-S83200R	273	201	114	78	45	33	33	24	57