

Incubators, shaking, KS3000i control



- Controls with antimicrobial coating to prevent spread of bacteria
- Junction box in the workspace for connection of an additional temperature sensor, e.g., Pt1000 (included with delivery)
- Wide range of attachments allows for using almost all shapes and sizes of vessels
- Unit stops automatically when hood is lifted
- Collecting tray with drain hose on rear of the unit
- Electronic timer
- Error code display
- Accessories are available on request

KS3000i control

Innovatively designed, compact incubator shaker to safely allow unattended operation in a temperature controlled environment. The unit has a large LED display for speed, temperature and timer. An integrated PID temperature control allows the use of Pt1000 temperature sensors to assure highly accurate temperature control. The electronically controlled incubator comes equipped with RS232 and USB ports for PC interface. All functions can be controlled and documented using labworldsoft® (software sold separately).

KS3000ic control

As the KS3000i but with a built in cooling coil for connection to an external cooling unit.

Technical Specification - Specific

	13521910	13531910
Model No	KS3000i	KS3000ic
Mass, kg	35	37

Technical Specification - General

Speed range, rpm	10 to 500
Temperature range, °C	RT+5 to 80
Dimensions [w x d x h], mm	465 x 695 x 430
Electrical supply	230V, 50/60Hz

Catalogue No	Legacy No	Alt. No	Description
13521910	-	3940002	KS3000i control
13531910	-	3940102	KS3000ic control with built in cooling coil

Incubators, shaking, KS4000i control



- Large LED display for speed and time settings
- Controls with antimicrobial coating to prevent spread of bacteria
- Integrated PID temperature control (use of two Pt1000 temperature sensors)
- Junction box in the workspace for connection of an additional temperature sensor e.g. Pt1000.60
- Electronic temperature and speed control
- Electronic timer switch: 0min to 999hr (set by the minute or by the hour)
- Optional built-in cooler for connection to an external cooling unit e.g. KV 600
- Unit switches off automatically if disturbed
- Unit stops automatically when hood is lifted
- Collecting tray with drain hose on rear of unit
- Simple operation
- All functions can be controlled and documented using the labworldsoft® software
- Attachments not included – please order accessories as required

Incubator shaker allowing unattended operation in a temperature controlled environment.

Technical Specification

Shaking movement	Orbital
Orbit diameter, mm	20
Motor rating, input output, W	82/24
Power consumption, W	1,120 (at 230V)
Permissible on time	100%
Speed range, rpm	10 to 500
Heater power, W	1,000
Temperature range, °C	RT 5 to 80
Temperature stability, K	0.1 (200mL H ₂ O at target T = 37°C, RT 25°C)
Display	Digital (speed, time and temperature)
Dimensions [w x d x h], mm	580 x 520 x 750
Space required [w x d], mm	600 x 600
Ambient temperature, °C	15 to 32 (permissible)
Relative humidity	80% (permissible)
Protection class	IP21 (acc. to DIN EN 60529)
Interface	RS232
Mass, kg	50 (20 with attachment)

Catalogue No	Legacy No	Alt. No	Description
12944035	-	KS4000i	Incubator shaker
12954035	-	KS4000i	Incubator shaker with optional built in cooler

Accessories

Catalogue No	Legacy No	Alt. No	Description
10688923	-	AS 4000.1	Universal attachment
10357703	-	AS 4000.2	Fixing clip attachment
10552724	-	AS 4000.3	Dish attachment
11427306	-	3712000	Clamping roll