

## Data Sheet

Mixing / Shakers



### KS 4000i control

New innovative incubator shaker design allowing unattended operation in a temperature-controlled environment.

- Large LED display for speed and time settings
- Controls with antimicrobial coating for reduction of bacteria
- Integrated PID temperature control (use of two PT 1000 temperature sensors)
- Junction box in the workspace for connection of an additional temperature sensor e.g. PT 1000.60 (included with delivery)
- Electronic temperature and speed control
- Electronic timer switch: 0 - 999 h (set by the minute or by the hour)
- 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

Accessories: H 11 Mains cable Euro plug, H 11 Mains cable CH plug, H 11 Mains cable UK plug, PC 1.5 Cable, labworldsoft®, AS 4000.1 Universal attachment, H 11 Mains cable USA plug, AS 4000.3 Dish attachment, AS 4000.2 Fixing clip attachment, PCI 8.2 Plug-in card, PT 1000.60 Temperature sensor, stainless steel

#### Technical Data

Type of movement	orbital
Orbital diameter [mm]	20
Permissible shaking weight (incl. attachment) [kg]	20
Motor rating input [W]	82
Motor rating output [W]	24
Permissible ON time [%]	100
Speed min (adjustable) [1/min]	10
Speed range [1/min]	10 - 500
Speed display	LED
Timer	yes
Timer display	7 segment LED
Time setting range [min]	1 - 59940
Operating mode	timer and continuous operation
Touch function	no
Shaking table lock	no
Working with microtiter plates	no
Heating temperature range [°C]	room temp. +5° - 80
Heat output [W]	1000
Temperature display	yes
Dimensions (W x H x D) [mm]	580 x 525 x 750
Weight [kg]	50
Permissible ambient temperature [°C]	15 - 32
Permissible relative moisture [%]	80
RS 232 interface	no
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	1120
<b>Ident. No.</b>	<b>3510000</b>