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# Data Sheet



## KS 4000ic control

New innovative incubator shaker design with built-in cooler 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
- Electronic temperature and speed control
- Electronic timer switch: 0 ? 999 h (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

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

| 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 - 999 |
| Operating mode | timer and continuous operation |
| Touch function | no |
| Shaking table lock | no |
| Working with microtiter plates | no |
| Dimensions (W x H x D) [mm] | 580 x 525 x 750 |
| Weight [kg] | 55 |
| Permissible ambient temperature [°C] | 15 - 32 |
| Permissible relative moisture [%] | 80 |
| Protection class according to DIN EN 60529 | IP 30 |
| RS 232 interface | yes |
| Analog output | no |
| Voltage [V] | 230 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 1120 |
| **Ident. No.** | **3510100** |

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Subject to technical changes

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