



designed for scientists



KS 130 control

/// Data Sheet

The KS 130 control open air orbital shaker is a reliable and efficient solution for laboratory applications that require gentle mixing of samples. It has a compact and flat design, making it easy to fit into any lab space. With a maximum shaking weight of 2.0 kg, it can handle a variety of vessel sizes and shapes. The shaker's integrated end point positioning function is highly useful for automated robot-controlled sampling.

- Digital LED display makes it easy to read the speed and timer function
- Speed and timer can be electronically adjusted for precise control
- Shaking orbit of 4.0 mm, which ensures consistent mixing



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- Variable speed range of 80-800 rpm, making it suitable for a wide range of applications
- Timer function (from 1 min to 99 h 59 min) and continuous operation available
- RS 232 interface for external control and documentation through labworldsoft®
- Wide range of attachment combinations available, allowing users to use almost all shapes and sizes of vessels, accessories are not part of the scope of delivery and have to be ordered separately
- A special version with clockwise and anticlockwise rotation is available upon request



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Technical Data

Type of movement	orbital
Shaking stroke [mm]	4
Permissible shaking weight (incl. attachment) [kg]	2.0
Motor rating input [W]	45
Motor rating output [W]	10
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	80
Speed range [rpm]	0 - 800
Speed display	LED
Timer	yes
Timer display	LED
Time setting range [min]	1 - 5999
Operating mode	timer and continuous operation
Shaking table lock	yes
Dimensions (W x H x D) [mm]	270 x 98 x 316
Weight [kg]	9.8
Permissible ambient temperature [°C]	5 - 50
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes
Analog output	yes
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	45
Fuse	2x T1A 250V