

# SBS40



Water bath, shaking,

A water bath with integral shaking, a choice of platform is available to provide linear or orbital shaking action. The platforms require no special fitting and use strong magnets, which couple to the drive unit underneath the stainless steel tank. Vessels are securely held in place on the stainless steel platform by a series of high-tension springs, which will accommodate almost any size and combination of vessel. The heater is mounted underneath the tank to allow easy cleaning. A low-level water sensor causes a warning to flash on the display to indicate when the water level is low, cutting power to the heater to prevent the bath from boiling dry. A drain is also incorporated to aid emptying of the bath. A perforated platform is available for when you might need a standard water bath without the shaking action. The platforms will accommodate the following Erlenmeyer flasks: 8 x 250ml, or 6 x 500, or 4 x 1000ml capacity.

The speed and temperature controls are easy to use. The shaking speed is adjustable and electronic feedback control ensures accurately maintained speed. The water bath temperature is set and monitored via the easy to read LED display. In addition, the design incorporates an over temperature protection system that tracks the set temperature and controls the heater in the event of a fault.

## Technical Specification

|                                     |                        |
|-------------------------------------|------------------------|
| Capacity                            | 24L                    |
| Temperature range                   | Ambient +5°C to 99.9°C |
| Temperature stability               | ±0.25°C                |
| Shaking speed                       | From 20 up to 150rpm   |
| Shaking orbit/amplitude, mm         | 20                     |
| Internal dimensions, mm (w x d x h) | 300 x 500 x 200        |
| Overall dimensions, mm (w x d x h)  | 335 x 580 x 330        |
| Net weight, kg,                     | 17                     |
| Electrical supply                   | 230V, 50Hz 1400W       |
| IP Rating                           | 31                     |

## Key Features

- Choice of linear or orbital shaking action
- Digital display and selection of temperature
- Low level water sensor
- Integral drain
- Range of accessories



SBS40

## Ordering Information

| Model   | Description  |
|---------|--|
| SBS40   | Water bath, shaking (without platform)                           |
| SBS40/1 | Platform, linear shaking action                                  |
| SBS40/2 | Platform, orbital shaking action                                 |
| SBS40/3 | Platform, perforated (only required to use SBS40 as static bath) |

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