

# SB-12L Shaking Water Bath



- + *Orbital shaking motion*
- + *Included spring platform accepts tubes, bottles and flasks*
- + *Compact design, conserves bench space*
- + *Digital control and display of time, temperature, and speed*

This compact shaking water bath utilizes the well proven, belt-less motor drive system from our popular Orbi-Shaker™ Series, with the addition of precision temperature control up to 80°C.

The seamless, stainless steel chamber has a 12 liter capacity and includes a universal spring-loaded platform for securing 15 & 50ml test tubes, as well as Erlenmeyer flasks and media bottles up to 1 liter. A hinged and removable lid is also included to reduce energy waste, prevent splashing and divert condensation away from samples.

Easy to use controls allow the user to digitally select and monitor time, temperature and shaking speed, while a constant monitoring system ensures accuracy over each parameter.

Optional test tube racks are available for microtubes and custom-designed racks can also be made available by request.

### Technical Data:

|                         |   |
|-------------------------|---|
| Temperature range:      | Ambient +5°C to 80°C                        |
| Capacity:               | 12 Liters                                   |
| Temperature accuracy:   | +/- 0.3°C at 37°C                           |
| Temperature uniformity: | +/- 0.2°C at 37°C                           |
| Temperature increment:  | 0.1°C                                       |
| Shaking speed range:    | 30 to 200rpm (increments of 1rpm)           |
| Shaking orbit:          | 25mm (1")                                   |
| Timer:                  | 1 min. to 48 hours or continuous            |
| Dimensions:             | 12.2 x 13.5 x 12 in.<br>31.7 x 34.3 x 30 cm |
| Electrical:             | 115V, 60Hz or 230V, 50Hz / 300W             |
| Weight:                 | 31 lbs / 14kg                               |

### Capacity Chart

|           | Bottles/Tubes | Flasks |
|-----------|---------------|--------|
| 0.5mL     | 40            | N/A    |
| 1.5/2.0mL | 40            | N/A    |
| 15mL      | 63            | N/A    |
| 50mL      | 15/30         | 12     |
| 125mL     | 8             | 8      |
| 250mL     | 4             | 3      |
| 500mL*    | 2             | 2      |
| 1000mL*   | 2             | 1      |

\*Height of vessel may limit ability to close included lid.

### Ordering Information

|              |  |
|--------------|--|
| SB0012*      | SB-12L Shaking Water Bath with universal spring platform for tubes, bottles and flasks |
| SB0012-T1520 | Optional rack for 1.5/2.0mL micro tubes  |
| SB0012-T5    | Optional rack for 0.5mL micro tubes  |

\*115V with US plug, for 230V (EU plug), please add (-E).



SB-12L with 15mL conical tubes



SB-12L with 50mL conical tubes

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