

## Jeio Tech 55 Litre Shaking Water Bath (BS-31)

**Product Code:** 44312

**Brand:** Jeio Tech

The Jeio Tech 55 Litre Shaking Water Baths (BS-31) is a reciprocal shaking and heating bath that provides precise & constant temperature control and is ideal for sample incubation conditions for DNA, tissue, or cell culture applications.

This water bath is supplied with a hinged gable cover and spring wire rack.

### Features:

#### Performance

- Temperature range from ambient +5°C to 100°C.
- Reciprocating shaking up to 180rpm while maintaining uniform temperature.
- Microprocessor PID control/temperature calibration/automatic tuning/automatic run.
- Separate control keys for shaker mechanism allows the unit also to be used as a heating bath.

#### Convenience

- Multiple LED displays (0.1°C and 1rpm resolution) for various values.
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.).
- Minimal shock to the samples thanks to the shaker's gentle feature.
- Spring wire rack is easy to equip and the height of the rack is easily adjustable.
- Silent and anti-vibration BLDC motor.
- SUS 304 spring wire rack (two tier rack with flexible crossed spring) provides various ways of glassware settings.

#### Safety

- Isolated design of agitator, heater, and sensor by a baffle plate to minimise the turbulence in the bath fluid and also to protect users and samples against direct contact.
- Complete safety protection system with warning alarms.



## Specifications:

<b>Bath Volume (litres)</b>		55
<b>Working Temperature Range (°C)</b>		Amb. +5 to 100
<b>Temperature Stability (°C)</b>		± 0.2
<b>Shaking System</b>	<b>Motion/Speed Range (rpm)</b>	Reciprocating/20 to 180
	<b>Recip. Stroke Length (mm)</b>	30 (25 and 35 available)
<b>Dimensions</b>	<b>Bath Opening/Depth (w x l, d)</b>	629 x 350, 235mm
	<b>External (w x d x h)</b>	860 x 490 x 355mm
	<b>Net Weight (kg)</b>	42
<b>Electrical Requirements (230V, 50Hz)</b>		8.9A



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