

## Jeio Tech 25 Litre Viscosity Bath (VB-25G)

**Product Code:** 43302

**Brand:** Jeio Tech

The Jeio Tech 25 Litre Viscosity Bath (VB-25G) is a high precision heating bath used for kinematic viscosity measurement, providing ultra temperature control with excellent visibility.

This unit is supplied with an easy-to-read digital LED display, double tempered safety glass windows, and a baffle plate screen to decrease bath fluid turbulence.

### Features:

#### Performance:

- Temperature range from ambient +5°C to 150°C.
- Microprocessor PID control/temperature calibration/automatic tuning/automatic run.
- Optimal temperature equilibrium achieved by a vane type stirrer with strong circulation power.

#### Convenience:

- Easy readout digital LED displays (0.01°C resolution at 0 to 99.9°C/0.1°C resolution at 100 to 150°C).
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.).
- Convenient memory function of up to three frequently set temperatures.
- Clear visibility provided by double tempered safety glass windows in front and rear sides.
- Operations at below or slightly above ambient temperature allowed by stainless steel cooling coil (for operation from 10°C, use an optional cooling circulator).
- Ø 51mm holes (for glass capillary viscometer tubes) and a Ø 12.6mm hole (for a thermometer).
- RS-232 interface for external control and data collection.

#### Safety:

- Isolated design of agitator, heater, and sensor by a baffle plate minimising the turbulence in the bath fluid and also to protect users and samples against direct contact.
- Complete safety protection system with warning alarms (low fluid level and dry-running, over-temperature, over-current).
- Keypad lock function prevents accidental changes during operation.



## Specifications:

<b>Bath Volume (litres)</b>		25
<b>Working Temperature Range (°C)</b>		Amb. +5 to 150
<b>Temperature Stability (°C)</b>		± 0.05
<b>Dimensions</b>	<b>Bath Opening/Depth (w x l, d)</b>	145 x 265, 368mm
	<b>Cover Lids/Hole for Thermometer (mm)</b>	5ea/51.0 or 1ea/12.6
	<b>External (w x d x h)</b>	492 x 374 x 547mm
	<b>Net Weight (kg)</b>	28
<b>Electrical Requirements (230V)</b>		50Hz, 13A

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