

## Jeio Tech 65 Litre Vacuum Oven (OV-12)

**Product Code:** AAH13125K

**Brand:** Jeio Tech

With a temperature range of up to 250°C, Jeio Tech's 65 Litre Vacuum Oven (OV-12) is suitable for various test applications (e.g. agricultural genetics, drying of plant tissue, drug metabolism) and optimally constructed to separate solvents from solutions or dry solvents with high boiling points.

This lab vacuum oven comes with microprocessor PID control, temperature calibration, dual wait on/off timer modes (1 min. to 99 hr. 59 min.), and automatic tuning. We also offer a wide range of dedicated vacuum pumps and accessories.



## Features:

### Performance:

- Temperature range from ambient +5°C to 250°C.
- **Vacuum Range:** 0 to 0.1 MPa (analogue vacuum gauge). Drying a solvent in vacuum lowers its boiling point, thereby making the separation process easier and eliminating the need to use high temperatures.
- Microprocessor PID control/temperature calibration/automatic tuning.
- Uniform heat distribution from block type heater attached to the chamber exterior to the anodized aluminium shelves.

### Convenience:

- Intuitive control panel with bright LED displays (1°C resolution).
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.).
- Convenient pre-setting function for three most commonly used temperature settings.
- Viton (fluorine rubber) door gasket also available for acidic applications (optional).
- Heat tempered glass window provides clear inside view of the chamber.
- Tight vacuum seal thanks to spring-loaded glass door, silicone gasket, and a push-button latch handle.
- Separate vacuum and vent ports.
- RS-232 interface for external control and data collection.

### Safety:

- Keypad lock function prevents accidental changes during operation.
- Automatic run after power interruption.
- Over-temperature and over-current protection.

## Specifications:

<b>Chamber Volume (litres)</b>		65
<b>Vacuum Range (MPa)</b>		0 to 0.1
<b>Nozzle Size (mm)</b>		Ø 10 (Vacuum and Vent)
<b>Temperature</b>	<b>Range (°C)</b>	Amb. +10 to 300
	<b>Fluctuation at 100°C</b>	± 0.3
	<b>Variation at 100°C</b>	± 3.7
<b>Dimensions</b>	<b>Internal (w x d x h)</b>	402 x 405 x 402mm
	<b>External (w x d x h)</b>	780 x 557 x 595mm
	<b>No. of Shelves (standard/max.)</b>	3
	<b>Net Weight (kg)</b>	103
<b>Electrical Requirements (230V, 50/60Hz)</b>		6.1A



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