

OV4 Series Vacuum Ovens

With a temperature range of up to 250°C, the OV4 Series Vacuum Ovens are 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.

Each vacuum oven comes with microprocessor PID control, temperature calibration, dual wait on/off timer modes (1 min. to 99 hr. 59 min.) with automatic tuning.

Safety features include a keypad lock function to prevent accidental changes during operation, automatic run after power interruption and over-temperature and over-current protection.



Features

- **Temperature variation up to $\pm 1.5^{\circ}\text{C}$ at 100°C according to DIN 12880:2007 standards**
- **Outer surfaces remain safe to touch even whilst operating at the highest temperature, preventing possible burns when viewing samples via the inspection window**
- **5inch color touch display for intuitive operation**
- **Wide temperature range that can be controlled up to 250°C**
- **3-point temperature calibration improves temperature accuracy in the entire area.**
- **Monitor and control via mobile app anytime, anywhere via LC Connected. (mobile monitoring system) - Optional**
- **Polycarbonate safety cover provided to protect a user in case of tempered glass breakage**

Specifications

Model	OV430	OV465
Product Code	AAHI3315K	AAHI3325K
Chamber Volume (L)	28	65
No. of Shelves (standard / max)	2 / 3	3 / 4
Maximum load per shelf (Kg)	20	
Vacuum Range (MPa)	0 to 0.1	
Temperature Range (°C)	Amb. +15 to 250	
Fluctuation at 100°C	± 0.1	± 0.3
Variation at 100°C	± 1.5	
Internal Dimensions (W x D x H) mm	302 x 305 x 302	402 x 405 x 402
External Dimensions (W x D x H) mm	537 x 522 x 655	636 x 622 x 755
Net Weight (Kg)	69	110

Accessories

- Silicon Gaskets
- Viton Gaskets
- Safety Covers
- LC 'mobi control' Greenbox
- Vacuum Pumps

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