

Jeio Tech Natural Convection Ovens - Economy (ON-E Series)

Brand: Jeio Tech

Jeio Tech's Natural Convection Ovens - Economy (ON-E Series) are high-quality, multi-functional laboratory ovens with enhanced performance. They are well-built with a stainless steel interior. With gravity convection technology, these lab ovens create a gentle air-flow circulation for uniform sample heating. Popular with laboratories in various sectors (e.g. industrial, medical, pharmaceutical, biotechnology), each model generates a temperature range going up to 220°C and almost zero chamber temperature fluctuation for very sensitive projects.

Other features include microprocessor PID control, flexible dual side vents for inner vapour circulation, and an instinctive control panel with clear LED displays.

Features:

Performance:

- Temperature range from ambient +15°C to 220°C.
- Microprocessor PID control/temperature calibration/automatic tuning.
- Gravity flow convection for uniform sample heating.
- Adjustable dual slide vents for inner vapour circulation.

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 presetting function for 3 most commonly used temperature settings.
- Corrosion-resistant incoloy sheath heating element and stainless steel interior.
- Moderately sized, an easy-to-clean spacious chamber, and an easy to grip circular door handle.

Safety:

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



Specifications:

Model(s)		ON-01E	ON-11E	ON-21E
Product Code(s)		15015	15025	15035
Chamber Volume (litres)		52	100	150
Temperature	Range (°C)	Amb. +15 to 220		
	Fluctuation at 100°C	± 0.3	± 0.4	± 0.5
	Variation at 100°C	± 6.5	± 4.1	± 7.3
Dimensions	Internal (w x d x h)	375 x 370 x 370mm	455 x 430 x 510mm	585 x 460 x 555mm
	External (w x d x h)	530 x 535 x 737mm	610 x 595 x 877mm	740 x 625 x 922mm
	No. of Wire Shelves (standard/max.)	2/9	2/13	
	Net Weight (kg)	34	46	59
Electrical Requirements (230V, 50/60Hz)		4.3A	6A	7.4A

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