



LCO-3150H

Class 100 Hi-Clean Oven

- ❖ High Efficiency, High Clean Mechanism
- ❖ Class 100 High Temp. HEPA Filter
- ❖ Rapid Heat-Up Time 30 minutes to 250 °C
- ❖ Microprocessor PID Temperature Control up to 250 °C Digital Set and Readout
- ❖ Ideal for Baking, Drying, Conditioning and Sterilizing Needs Clean Air Condition
- ❖ Mechanical Forced Flow Convection
- ❖ Silent Fan Motor
- ❖ RS-485 Communication Interface †

Air Filtration and Ventilation

extends HEPA filter life by means of pre-filtered air supplied into the chamber

Rapid Heat-Up Mechanism

not more than 30 minutes to go up to 250 °C

Safety and Convenience

over temperature and current protection, leakage breaker ensure user safety and adjustable sliding rack, silent fan motor

Class 100 HEPA Filter Hi-Clean Oven

ideal for the most critical clean application such as semiconductor, pharmaceutical, electronics, etc.

High Efficiency and High Clean

air convection mechanism provides for the best

Programmable PID Control

provides 1~99 step user program setting and precise temperature control and accuracy



Standard Program Controller

16 Bit Self auto-tuned Fuzzy PID micro processor
Clear LCD back light display 10 step program.
RS-485 Interface with a pack of Labtech Software

MODEL		LCO-3050H	LCO-3150H	LCO-3250H	LCO-3350H
Dimensions	Inner	600 x 500 x 600	600 x 530 x 950	800 x 700 x 1000	1000 x 800 x 1000
	(W x D x H mm) Outer	830 x 950 x 1660	830 x 980 x 1860	1030 x 1150 x 1910	1230 x 1250 x 1910
Capacity		180 ℓ	300 ℓ	560 ℓ	800 ℓ
Temperature	Range	Ambient +5 °C to 250 °C			
	Accuracy	± 1.0 °C			
	Uniformity	± 2.0 °C at 200 °C			
Air Filtration		HEPA Filter Class 100 for High Temperature			
Controller		Digital PID Programmable Controller			
Verification		Timer Operated Verification System			
Material	Inner	Stainless Steel			
	Outer	Powder Coated Steel or Powder Coated Stainless Steel (Option) †††			
Gas Inlet device		N ₂ Gas Inlet Device (Option) ††††			
Safety		Over Temp. Protector, Over Current & Leakage Breaker			
Electric Supply		220V or 380V 3 phase 50/60Hz			

☒ Custom made order is available
Specifications can be changed without prior notice for quality improvement.

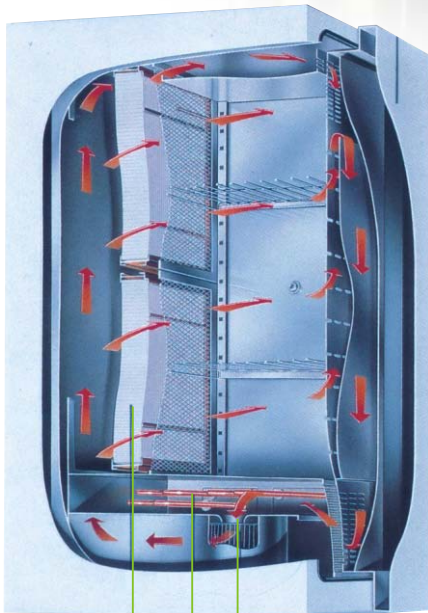
Clean Air Oven

Application : Semiconductor, Electronics, Optics, Pharmaceuticals



**Class 100
High-Temp
HEPA Filtered
Clean Air**

Model : LCO-3350H



HEPA FILTER
HEATER
BLOWER

High Efficiency and High Clean
Air Convection Mechanism



☒ Custom made order is available
Specifications can be changed without prior notice for quality improvement.