



LABORATORY HOT AIR OVEN

CODE: 12004

Our Ovens have been designed for high performance drying, thermal process with fresh air supply, short process application, heat-up time and with precise heat control.

Compliance as per ASTM , ISO, IS

STANDARD FEATURES :

Chamber Design	: Double / Triple Walled
Inner Chamber	: Made of thick Gauge, Stainless Steel 304.
Finish	: Matt finish.
Outer Body	: CR/Mildsteel sheet. Powder coated finish or S.S. Matt finish
Controller	: Microprocessor based Digital PID controller with both process and set value display.
Sensor Type	: RTD sensor.
Trays	: Adjustable Rod mesh or Perforated Trays.



Air Circulation	: Conventional Air flow by dynamically balanced SS blower with Heavy, continuous Duty TEFC motor.
Insulation	: Low 'K' factor Thick Ceramic Wool/Glass wool Insulation
Heaters	: Special SS air heaters.
Gasket	: Silicone Gasket.
Temp. Range	: 50°C to 200°C : 50°C to 250°C : 50°C to 300°C : 50°C to 400°C
Resolution	: 0.1 / 1°C
Accuracy	: ± 1°C @ 100°C
Operation	: 230V 50Hz, single phase.



MODELS :

- A) Economy
- B) Standard
- C) Laminar (ISO oven)
- D) Geared
- E) Industrial
- F) Thin Film Oven



OPTIONAL ACCESSORIES & FEATURES :

- 1) Toughened Glass ViewWindow
- 2) Digital Timer
- 3) High Set point cutoff
- 4) Door to blower & heater Interlock
- 5) Temperature logger with pc interface
- 6) Profiling control
- 7) Cooling Coil
- 8) Air Curtain (For Industrial Ovens)
- 9) Spare Trays (Rod mesh/Perforated)
- 10) Variable Air Flow Rate
- 11) Touch screen PLC based control with inbuilt data and event logging for totally integrated test process
- 12) Motorised Turn table for sample rotation (RPM & Load capacity as per requirement)
- 13) Door Locking Arrangement
- 14) Castors for easy movement
- 15) 110V single phase/440V Three phase

Inner Chamber Size	Trays	Watts	Code
W x D x H			
* 14" x 14" x 14"	2	1.0 KW	12004-01
* 18" x 18" x 18"	2	1.5 KW	12004-02
* 18" x 18" x 24"	3	2.5 KW	12004-03
* 24" x 24" x 24"	3	3.0 KW	12004-04
* 24" x 24" x 36"	4	3.5 KW	12004-05
* 36" x 36" x 36"	4	4.0 KW	12004-06

*** CUSTOM BUILT SIZES AVAILABLE ON REQUEST**

DESIGNED & MANUFACTURED BY:



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* Products & Design Subject To Change Without Prior Notice.