



THIN FILM/AGEING OVEN

CODE: 12004-XX

Our Ovens have been designed for high performance drying, thermal stability/conditioning process with fresh air supply, short heat-up time and with precise heat control. Compliance as per ASTM , ISO, IS

STANDARD FEATURES :

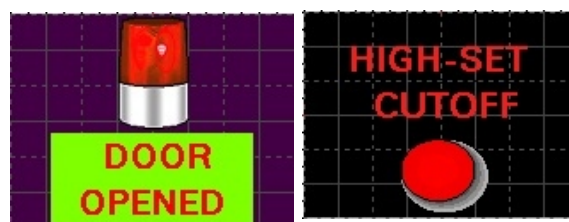
Chamber Design	: Double / Triple Walled
Inner Chamber	: Made of thick Gauge, Stainless Steel 304.
Finish	: Matt finish.
Outer Body	: CR Sheet. Powder coated finish or S.S. Matt finish
Controller	: Microprocessor based Digital Controller with Colour Touch screen user interface
Sensor Type	: RTD sensor.
Trays	: Suitable number of rotating SS shelves with cups to hold beakers driven by a geared DC motor.
Air Circulation	: Conventional Air flow by dynamically balanced SS blower with Heavy, continuous Duty TEFC motor.
Insulation	: Low 'K' factor, thick Ceramic Wool insulation
Heaters	: Special SS air heaters.
Door Gasket	: Silicone Gasket.
Temp. Range	: 50°C to 250°C/ 50°C to 300°C
Resolution	: 0.1 / 1°C
Accuracy	: ± 1°C @ 100°C
Operation	: 230V 50Hz, single phase.
Mobility	: By castor wheels with brakes.

Special features and Value additions

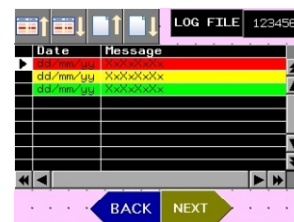
- 1) Toughened Glass View Window
- 2) Digital Timer for auto cutoff of process at end of test time
- 3) Mechanical High Temperature cutoff
- 4) Door to blower & heater Interlock
- 5) Temperature logger with pc interface
- 6) Profiling control - 5 x 4 program steps
- 7) 5 Preset user recepies - for quick setup of regular tests
- 8) Logging of Both RPM and Temperature with Date Time stamp.
- 9) 100% GLP compliance with Password protection at every stage
- 10) Self Diagnostic features like heater failure



INNER CHAMBER



ALARMS



EVENT LOG

Inner Chamber Size	Trays	Watts	Code
W x D x H			
* 24" x 24" x 24"	2	3.0 KW	12004-04
* 24" x 24" x 36"	3	3.5 KW	12004-05

*** CUSTOM BUILT SIZES AVAILABLE ON REQUEST**

DESIGNED & MANUFACTURED BY:



Culture Instruments India LLP

37, III MAIN ROAD, VYALIKAVAL, BANGALORE - 560 003. (INDIA)

PH: 91 - 080 - 23349239 / 23449007 / 09886780513

Email: cultureinstruments@gmail.com / sales@technoinstruments.co.in

Website: www.technoinstruments.co.in

Works: D-428, 10th MAIN ROAD, PEENYA 2nd STAGE, P.I.A, BANGALORE - 560 058. (INDIA)

*** Products & Design Subject To Change Without Prior Notice.**