

BIC3000 BURN IN CHAMBER



BIC3000 is a front-loading industrial Burn In Chamber that can accommodate up to 144 drives for mass burn-in testing using end user test configurations or solution.

The **BIC3000** was engineered to be customizable to end-user's requirement. The system offers uniformity in temperature within the chamber. The components are selected to minimize vibrations that may affect the testing of the hard drives.

SPECIFICATIONS:

Type:	Front Loading Industrial Burn-In-Chamber
Power Requirements:	208 VAC or 415 VAC
Drive Capacity:	144 Drive Fixtures
Drive Format:	2.5", height format 5 mm & 7 mm
Drive Test Orientation:	End-user Specifications e.g. PCB Up, PCB Down, PCB Up + distorted fixture, PCB Down + distorted fixture.
Tester Configuration:	Supplied by End-user
Burn-In Temperature Range:	Ambient to 60 deg Celsius
Air Temperature Uniformity:	+/- 3 deg celsius (average of 10 measurement points)
ESD Protection:	Anti-Static Perspex, all metal forms are properly grounded
Temperature Controller:	WatLow with RS232 connection
Hot Air Exhaust:	Motor operated damper, mounted at the top of the oven.
Timer:	0-99999 hour digital electronic timer
Safety Features:	SOP 39 Compliant
60 deg temperature	Buzzer Alarm with 60 deg Indicator Light ON
65 deg temperature	DC supply and heater cut-off, exhaust air damper open and 65 deg Indicator light ON

Machine Construction:

Structure	Aluminum profile
Exterior and Interior panels	1.5 mm EG steel sheets
Insulation:	12mm Neoprene sheets
Doors:	Bi-fold with Tempered Glass and Anti-Static Perspex
Machine Finish	Powder coated, Beige color
Castor Wheels	4 units of 65 mm dia. wheels
Door Interlocks	Safety door interlocks if 60 deg is exceeded
Ethernet connections/port	Ethernet ports, CAT6 connected to 2x24 Ports 10/100 network Switch
Power Supply:	DC 15V Nemic lambda HWS series with individual fuse protection at 230V
Overall Dimensions (LxWxH)	1840 mm x 950 mm x 2000 mm
Weight:	850 kgs.

NOTE: Test cards, Interface boards and drive cables will be supplied by the end-user.



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