



PBI PROCESS BURN IN SOLUTION

BO6030C1

BO1260C1

EBI R&D BURN IN EQUIPMENT

BO3009C1

BO3009C2

TECHNICAL data

Chamber for Burn In test 9 or 9+9 BIB MODEL EBI

Description	Model	EBI09C1	EBI09C2	EBI09E1	EBI09E2
	Code	BO3009C	BO3009C	BO3009E	BO3009E
	Unit	Data			
External dimensions (l×h×p)	[mm]	1600 x 2100 x 1500			
Internal dimensions (l×h×p) x CH	[mm]	700 x 700 x 620			
Volume per chamber	[lt]	300			
Chambers per system	[n°]	1	2	1	2
Loading capacity per chamber	[BIB C]	9	9+9	9	9+9
Temperature range	[°C]	-40 ÷ +180		40 ÷ +180	
Temperature constancy in the time	[°C]	±0.5			
Temperature uniformity	[°K]	±1			
Temperature change rate (heating)	[°C/min]	5			
Temperature change rate (cooling)	[°C/min]	2			
Execution of internal chamber	Hermetic welding for control atm				
Internal chamber material	AISI	304			
Insulation double thickness	Rock wool and glass wool HD				
Power supply	[V/ph/Hz]	400/3/50 N+T			
Heating power for each chamber	[KW]	4.0		4.0	
Max power for each chamber	[KVA]	9.0		7.3	
Max current for each chamber	[A]	18.0		13.0	
Cooling water supply 15°C±2	m ³ /h	1.0	2.0	1.0	2.0
Inlet N2 or Dry air at 2 bar	Lt/min	0 ÷ 40 (per chamber)			
Dehumidification	Yes				
Max noisy at 1 meter	[dB]	<65			
Installation room (climatic conditions)	°C - UR%	10 ÷ 32°C - 0 ÷ 75%			
Refrigerant Ecological	HFC	R404			
Weight	Kg	450	1000	400	850



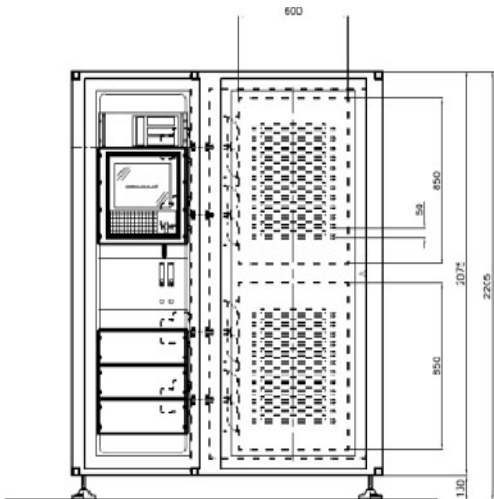
Product features:

- Force air recirculation in a close loop between the mixer area and the working space.
- Direct heating and cooling system.
- Motor fans, direct connection, for each chamber.
- Automatic dehumidified during the heating ramp, when the temperature is lower the 15°C
- Cleaning cycle with inert gas, activated automatically at the start of the new cycle and maintained constant with adjustable purge from 0 to 20 lt/min
- Inert gas flow switch, with no fatal indication on the control panel
- Max temperature device with autonomy sensor, no adjustable by the operator (only chamber safe)
- Max temperature device for product safe adjustable from the control panel.
- Touch panel with PLC controller, PID action, memory capacity up to 100 program, ethernet communication with USB port to download the testing data
- Cooling system in compliance with the rules in force
- Door automatic lock with manual unlocked in case of black out
- Door lock or not during the cycle selected by a key.
- Front cabinet with a 19" module for the industrial PCi, monitor, keyboard, mouse, power supply, etc.
- Emergency device for cut out the power supply
- manual insertion for each BIB
- Stop fans when door is open
- Prearrangement for electronic system installation
- Thermocontrol on the drivers cabinet and sealed to reduce the inlet of humid air. Guaranty temperature <40°C with dissipated load about 5Kw
- Electrostatic ground connection in the front panel
- Three colour tower light for status indication
- Three phase power control
- Electrical and electronics assembly in according with the rules in force.
- CE compliance

Optional:

POL20000 window on the door with internal light and no condenses device

Power supply different configurations and voltage range



www.mslitaly.eu

info@mslitaly.eu

