

GHIBLI-II Dry Cabinets

The GHIBLI II dry cabinets are ideal to provide low humidity and moisture-proof storage for MSD (Moisture Sensitive Devices) like IC packages, for example. They are complying with IPC/JEDEC J-STD-033B.1, ESD safe, easy to use (no need to set any panel button at all), and every cabinet include a portable humidity/temperature meter (DryLogger 9265.300, details on page 65) with datalogging function.



DryLogger



8104.812

8104.808



Dehumifier



8104.800



8104.804



Technical specifications	
Humidity range:	5% RH guaranteed , typical 2% RH
Colour:	Anthracite
Power supply:	230Vac
Structure:	1mm thick carbon steel with antistatic paint
Door:	magnetic handles , magnetic sealers and antistatic glass
Wheel:	4 antistatic 3" wheels, two of them with brakes
Grounding wire:	940mm long
ESD paint:	10 ³ – 10 ⁹ Ω

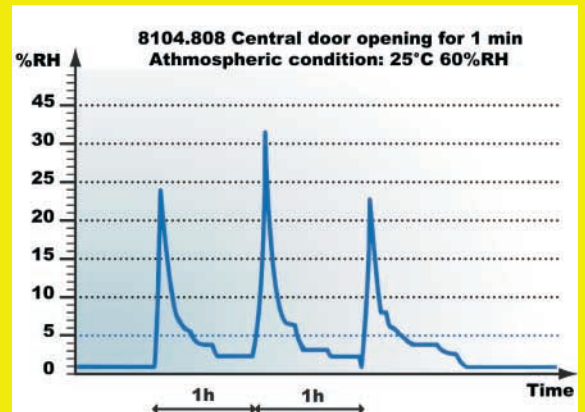
Advantages about GIBLI II

- **Easy use:**
It's plug and play, just connect it to the main supply without any settings and it will be stable at less than 5%RH (5%RH is guaranteed but the cabinets easily reach 2%).
- The dehumidifier units are always active and not controlled by any sensor. This avoid dangerous problems due to malfunction or drift of hygrometers.
- **Easy calibration:**
Inside every cabinet there is a portable Hygrometer (DryLogger 9265.300) visible through the glass of the upper door. You can return it for calibration anytime without problems: the cabinet still works to the best.
- The portable instrument DryLogger can measure RH & Temperature values in several points inside the cabinet, and can record H/T and transfer the data to PC for graphing and analyzing. Made for very low humidity measurement can be used also for applications outside the cabinets.
- **Modular design:**
The dehumidifier modules are easy extractable with only a screwdriver. This allow easy reparation and grant the long life of the cabinet, over 20 years, as long as the metal structure last. This is our green policy.
- Smart magnetic handles with key lock at every door. The front of the cabinet is flat.
- 2 years warranty

Data analysis

With the portable instrument DryLogger and the software LogManager supplied with every cabinet you can calculate the time intervals and percentage that exceed the 10%RH or 5%RH which leads to the estimation of the MSD floor life ("Floor Life" is the allowable time period after removal from a moisture barrier bag, dry storage or dry bake and before the solder process reflow).

Another typical data analysis is the graph of the door opening.



	8104.800	8104.804	8104.808	8104.812	8104.830	8104.832
	Ghibli II/200L	Ghibli II/400L	Ghibli II/600L	Ghibli II/1200L	Ghibli II/600L baking 40°C	Ghibli II/1200L baking 40°C
Capacity	200L	400L	650L	1280L	600L	1180L
External Dimensions(mm)	600x672x610	600x672x1255	600x672x1805	1200x672x1805	600x672x1805	1200x672x1805
Shelves	2	3	5	5	5	5
Shelf Size (mm)	555x530x20	555x530x20	555x530x20	1155x530x20	555x530x20	1155x530x20
Average power	28W	56W	56W	56W	56W without baking, 456W with baking	56W without baking, 856W with baking
Maximum power	210W	420W	420W	420W	420W without baking, 1220W with baking	420W without baking, 2020W with baking

Humidity/Temperature Monitoring & Alarming & Datalogging

It monitors simultaneously humidity, temperature and time on his large display, and alerts the engineers to check and repair the facilities immediately when the settable HIGH or LOW limits of RH/T are exceeded. Datalogging capacity is 30,000 records and the instrument is supplied with the software needed to analyze the environmental data.

Humidity: 5 to 95%RH resolution: 0.1%RH
accuracy: ±2%RH (at 25°C, 35%RH~80%RH)
±2.5%RH (at 25°C, 10%RH~35%RH, 80%RH~90%RH)
±5%RH (at 25°C, <10%RH, >90%RH)

Temperature: -20°C to +60°C resolution: 0.1°C
accuracy: ±1°C (-5°C~40°C), other ±2°C

LED Display: 214x120mm

Memory: 30000 samples

Interface: USB

Dimensions: 260 x 178 x 47mm

Weight: 1Kg



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Humidity/Temperature
Monitoring & Alarming & Datalogging