

ALIX Dry P

Store and dry your Moisture Sensitive Devices in total reliability



Protect your components and printed circuits boards from Moisture adsorption and oxidation

ALIX Dry P : Is part of the ALIX dedicated brand to the customers of Electronic Components and Products (ECP) industry .



ALIX Dry P : Smart Dry Storage Cabinets system for moisture sensitive devices (MSDs), Printed Circuit Boards (PCBs) and electronic subassemblies in dry and inert (Nitrogen) atmosphere

ALIX Dry P can be used:

- To dry, store and protect components sensitive to moisture and oxidation.
- To eliminate baking
- To short-term storage (in process) and long-term storage (spare parts/components)
- To reach and maintain RH levels less than 1% in 5 minutes

ALIX Dry P is ESD compatible and certified

ALIX Dry P



The ALIX Dry P solution

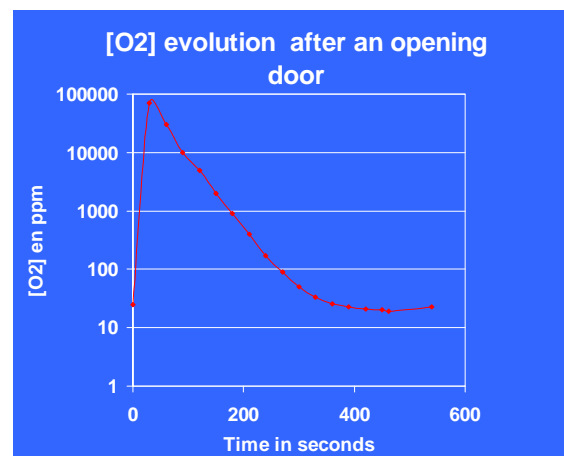
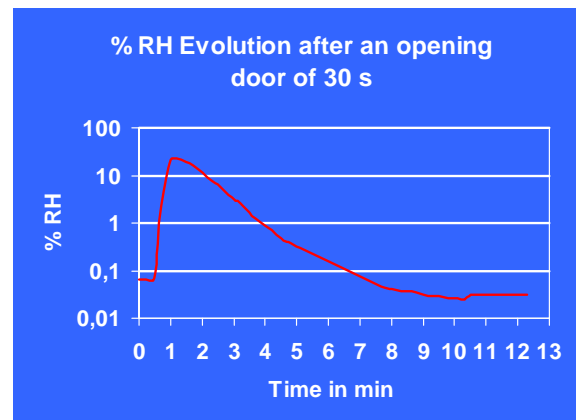
- Most advanced dry storage system based on proprietary design and pending patented technology.
- Air LIQUIDE's commitment to reach and maintain a guaranteed dry atmosphere below 1% RH after reconditioning.
- Each cabinet are completely independent and can be superimposed (2 or 3)

Performances and benefits

- Protection of components against moisture adsorption (comply with IPC/JEDEC J-STD-033 standard)
- Fast dry down allows 1% RH less than 5 minutes
- Dries components and printed circuit boards
- Preserves solder ability
- Includes safety devices (overpressure and asphyxiation)
- Low nitrogen consumption (patented gas injection system)
- Guaranteed atmosphere quality.
- Makes it possible to eliminate baking
- ESD-certified.

MsDs protection design

- Component miniaturization, ever more complex PCB assemblies and major changes brought about the European directives 2002/95/EC fo RoHS which increases the sensitivity of components and printed circuit boards to moisture, oxygen and various contaminants such as hydrides or sulphides.
- Therefore, Electronics Manufacturing Assemblers are adopting moisture management solutions in order to comply with IPC/JEDEC J-STD-033 standard



Possible options

- Sliding Shelves
- Cabinet base
- Swivel caster kit
- Continuous relative humidity measurement
- Atmosphere traceability

Utilities requirements

- Nitrogen supply: Pressure 5 barg min and flow rate of 15 Nm³/h per cabinet (Purge flow)
- The nitrogen exhaust must be connected to an outside extraction source

Cabinet dimension	
External Size (mm) [W x D x H] *	785x753x650
Internal Size (mm) [W x D x H]	596x646x646
Storage capacity in L	250
Chamber weight in Kg (Empty Chamber)	69

* Including handle