

## DESICCANT DRY CABINET & N2 DRY CABINET



### Outstanding Performance

The “Drymaster” series has an outstanding performance for drying moisture sensitive components and PCBs.

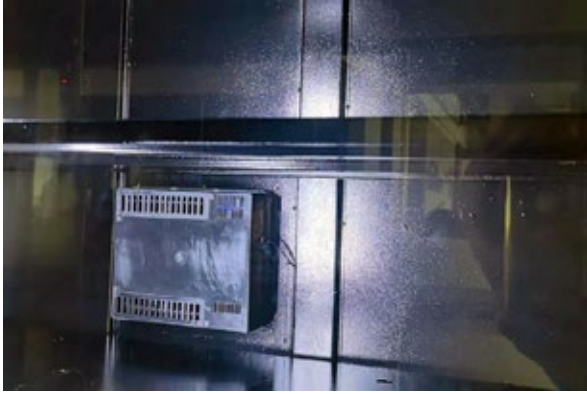


### What is dry cabinet and how it works?

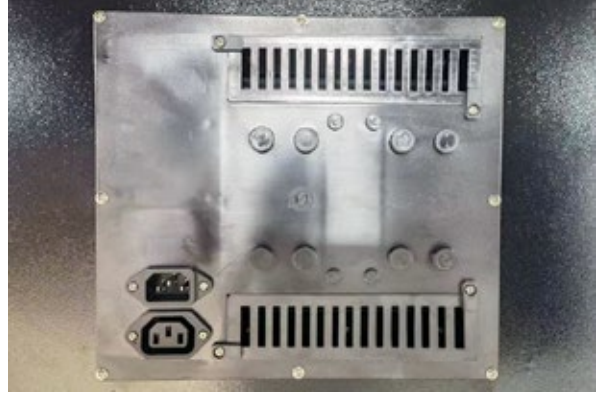
In the Electronics Manufacturing Industry, it has a wide usage area for storing Moisture Sensitive Components (MSDs) and PCBs (Printed Circuit Boards) in a moisture-free environment. The rising process temperatures with the transition to lead-free soldering create a threat to components and PCBs. The moisture inside the electronic components entering the SMD Reflow Soldering Ovens evaporates suddenly at high temperatures and tries to get out of the component with pressure and causing malfunctions such as cracking, swelling, delamination, and popcorn effect. According to IPC/JEDEC J-STD-033 Joint Industry Standard moisture sensitive devices (MSDs) should be stored in a moisture-free environment.

We provide smart storage solutions for drying, the dry cabinets are fully auto dry cabinet designed to be stable at  $\leq 5\%RH$  without adjustment according to the J-STD-033D standard for moisture sensitive SMT components (MSL 3)

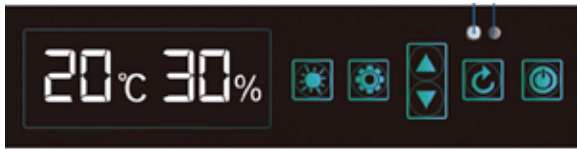
Our Dry cabinets are modular designed (body, power bloc, display with probe, dryer, shelves,...) this allow to easily change or replace the cabinet configuration.



Equiped with LED light, lighting automatically turn off in 30 minutes without any operation.



Moduler Feature :  
Ultra-low humidity storage of  $\leq 5\%RH$   
2-year warranty  
Electric supply: 110 to 230 VAC



User friendly LCD diaplay



User friendly LCD diaplay



Optional N2 moduler,use desiccant dehumidification and smart nitrogen moduler together ,this makes the dehumidification process faster and more reliable with the desiccant dry units operating simultaneously

## Specifications



Model	Drymaster 160L	Drymaster 555L	Drymaster 1000L	Drymaster 1500L
Electrical Requirements	110V-220V	110V-220V	110V-220V	110V-220V
External Size W/D/H	W450*D450* H1010mm	W590 x D590 x H1740mm	W1190 x D590 x H1740mm	W1190 x D690 x H1960mm
Internal Size W/D/H	W448*D422* H848mm	W540 x D560 x H1580mm	W1140 x D560 x H1580mm	W1140 x D660 x H1800mm
Capacity	160L	555L	1000L	1500L
No. Of Shelves	2 Adjustable	5 Adjustable	5 Adjustable	5 Adjustable
Wheels	2 antistatic, with brakes, 2 standard Y-axix	2 antistatic, with brakes, 2 standard Y-axix	2 antistatic, with brakes, 2 standard Y-axix	2 antistatic, with brakes, 2 standard Y-axix
Power Consumption	Max. 150W	Max. 300W	Max. 550W	Max. 600W
Humidity Range	≤5% RH	≤5% RH	≤5% RH	≤5% RH
Color	Black	Black	Black	Black
Structure	1 mm thick carbon steel with antistatic paint			
Door	Compression handles and glass windows			
ESD Paint	103~109 Ω. (surface resistance)			