Low Cost Dehumidifying Dry Storage Cabinet Model IDSC-80



For Optical Lenses, Photographic Cameras & other such commercial applications



Specifications:

Humidity Range : 20%~60%RH

Humidity Technique : Semi-permanet dry Desiccant **Internal Dimensions** 398W x 375D x 545H mm approx. External Dimensions : 400W x 400D x 620H mm approx.

Material : Cold Rolled Steel with Black Paint

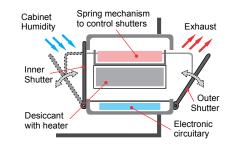
No. of Shelves : 2 (Adjustable types) Input Supply : 220V ~ 240V, 50Hz

Features:

- · Capacity: 84 litres
- Tampered Toughened Glass Windows
- Digital Display for internal Humidity
- Humidity Controller maintains stable RH Level
- · Accuracy: ±3%RH (It is not ±3%)*
- * If the set point of humdity is 10%RH. Then the actual value will be within 7%RH & 13%RH. If set point is 18%RH then actual value will be within 15%RH & 21%RH.

Dehumidifying Principle

Humidity is removed inside the Storage Cabinets by use of dry powerful zeolite desiccant. The desiccant is automatically recycled with an in-built heating mechanism and does not require replacement. of the desiccant. Moisture absorbed by the zeolite desiccant, is vaporized and is released outside of the cabinet.



Recommended RH value for storage of various articles

RH (%)	Articles
20%~30% RH	IC Chips, SMD Chips, Wafers, Precise Instruments, PCBs, BGAs
30%~40% RH	Semiconductors, Capacitors, Resistors, Nickel Cadmium Batteries, Precision Measuring Instruments, Medicines, Seeds, Stamps
40%~50% RH	Cameras, Lenses, Microscope, Endoscopy, Video Cameras, Film Rolls, Photographic films, Floppy Disks, DVDs, Leathers.



Camera Lens storage



Normally available with immediate delivery as we stock this model



Specifications:

Humidity Range : 20%~60%RH

Humidity Technique Semi-permanet dry Desiccant **Internal Dimensions** : 598W x 372D x 1083H mm approx.

External Dimensions : 600W x 400D x 1265H mm approx. Material Cold Rolled Steel with Black Paint

No. of Shelves : 2 (Adjustable types) Input Supply : 220V ~ 240V, 50Hz

Features:

- Capacity: 240 litres
- Tampered Toughened Glass Windows
- LED Display for Temperature and Humidity
- Humidity Controller maintains stable RH Level
- Accuracy: ±3%RH (It is not ±3%)*

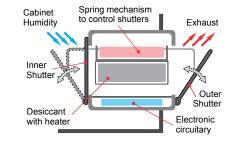
* If the set point of humdity is 10%RH. Then the actual value will be within 7%RH & 13%RH. If set point is 18%RH then actual value will be within 15%RH & 21%RH.

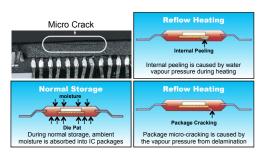
Dehumidifying Principle

Humidity is removed inside the Storage Cabinets by use of dry powerful zeolite desiccant. The desiccant is automatically recycled with an in-built heating mechanism and does not require replacement. Moisture absorbed by the zeolite desiccant, is vaporized and is released outside of the cabinet.

ESD Safe Dehumidifying Cabinets must for storage of bare & assembled PCBs, ICs & other components

Miniaturization in electronics field, is resulting for use of expensive large size ICs which are not only static charge sensitive but are also moisture sensitive. Such devices needs higher level of moisture control as otherwise they will have internal damage during the reflow process because of moisture expansion. Major failure reason is the rapid heating of the moisture absorbed within the plastic encapsulant of such ICs. The prevention lies in storing such ICs in ESD Safe and Humidity controlled Dry Storage Cabinets.





Recommended RH value for storage of Electronic Assemblies and Components

RH (%)	Articles
20%~30% RH	IC Chips, SMD Chips, bare PCBs, BGAs and similar various other expensive electronics parts
30%~40% RH	Semiconductor components, Capacitor/Inductor/Resistor Chip components, Loaded PCBs.

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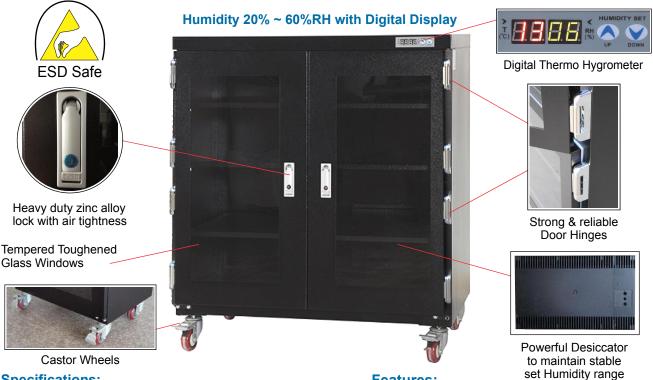
Warranty is 12 months from the date of invoice. It excludes any mechanical damage.

While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

ESD Safe Dry Storage Cabinet for PCBs & ICs Model IDSC-320



Normally available with immediate delivery as we stock this model



Specifications:

Humidity Range : 20% ~ 60%RH

Humidity Technique : Semi-permanet dry Desiccant 898W x 420D x 848H mm approx. Internal Dimensions External Dimensions : 900W x 450D x 1030H mm approx.

Material Cold Rolled Steel with Black Paint

No. of Shelves : 3 (Adjustable types) : 220V ~ 240V, 50Hz Input Supply

Features:

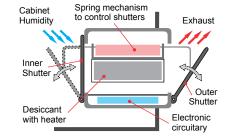
- · Capacity: 320 litres
- Tampered Toughened Glass Windows
- LED Display for Temperature and Humidity
- Humidity Controller maintains stable RH Level
- Accuracy: ±3%RH (It is not ±3%)*
- * If the set point of humdity is 10%RH. Then the actual value will be within 7%RH & 13%RH. If set point is 18%RH then actual value will be within 15%RH & 21%RH.

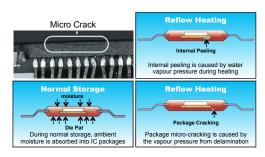
Dehumidifying Principle

Humidity is removed inside the Storage Cabinets by use of dry powerful zeolite desiccant. The desiccant is automatically recycled with an in-built heating mechanism and does not require replacement. Moisture absorbed by the zeolite desiccant, is vaporized and is released outside of the cabinet.

ESD Safe Dehumidifying Cabinets must for storage of bare & assembled PCBs, ICs & other components

Miniaturization in electronics field, is resulting for use of expensive large size ICs which are not only static charge sensitive but are also moisture sensitive. Such devices needs higher level of moisture control as otherwise they will have internal damage during the reflow process because of moisture expansion. Major failure reason is the rapid heating of the moisture absorbed within the plastic encapsulant of such ICs. The prevention lies in storing such ICs in ESD Safe and Humidity controlled Dry Storage Cabinets.





Recommended RH value for storage of Electronic Assemblies and Components

RH (%)	Articles
20%~30% RH	IC Chips, SMD Chips, bare PCBs, BGAs and similar various other expensive electronics parts
30%~40% RH	Semiconductor components, Capacitor/Inductor/Resistor Chip components, loaded PCBs.

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