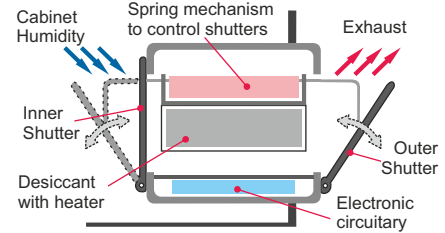


**Conforms to IPC/JEDEC J-STD 033C Standards for storing even expensive IC packages**

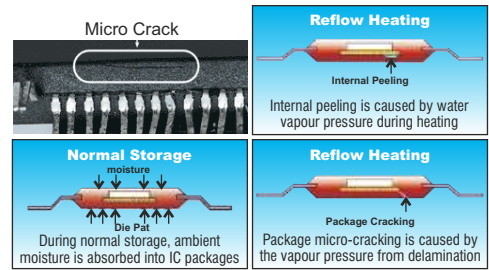
**Dehumidifying Principle**

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. It does not require replacement. Moisture absorbed by the zeolite desiccant, is released outside of the cabinet.



**ESD Safe Dehumidifying Storage Cabinets must to maintain high reliability of Bare/Assembled PCBs, expensive large ICs & other components**

Miniaturization in electronics field require use of expensive large size ICs which are not only static charge sensitive but are also moisture sensitive. Such ICs need higher level of moisture control as otherwise they will have internal cracking during reflow process because of moisture expansion. Prevention lies in storing such ICs in ESD Safe and Humidity controlled Dry Storage Cabinets.



**Features:**

- Tampered Toughened Glass Windows
- LED Display for Temperature and Humidity
- Humidity Controller maintains stable RH Level
- Accuracy:  $\pm 3\%RH$  (It is not  $\pm 3\%$ )\*

\* If the set point of humidity 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.

**Additional Adjustable Feet for leveling and permanent positioning available only in 510L model**



**Constructional Features**

Warranty is 12 months from the date of invoice. It excludes mechanically damaged parts.

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.

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# Hi-Performance 5~50% RH Dehumidifying Dry Storage Cabinets



Available in 510, 320 & 240 Litre Capacity • **Double** Desiccator for fast recovery

**Conforms to IPC/JEDEC J-STD 033C Standards for storing even expensive IC packages**



**5~50% RH, 510L  
Dry Storage Cabinet  
Model: IDSC-510**



**5~50% RH, 320L  
Dry Storage Cabinet  
Model: IDSC-320**



**5~50% RH, 240L  
Dry Storage Cabinet  
Model: IDSC-240**

| Specifications                         | Model IDSC-510                 | Model IDSC-320  | Model IDSC-240  |
|--|--------------------------------|-----------------|-----------------|
| Humidity Range                         | 5 ~ 50%RH                      |                 |                 |
| Humidity Technique                     | Semi-permanent dry Desiccants  |                 |                 |
| Capacity (Litre)                       | 510                            | 320             | 240             |
| Internal Dimensions (mm) approximately | 898Wx420Dx1330H                | 898Wx420Dx848H  | 598Wx372Dx1083H |
| External Dimensions (mm) approximately | 900Wx450Dx1510H                | 900Wx450Dx1030H | 600Wx400Dx1265H |
| Material                               | Cold Rolled Steel              |                 |                 |
| ESD Safety                             | Yes, ESD Safe Conductive Paint |                 |                 |
| Number of Shelves                      | 3 (Adjustable)                 | 3 (Adjustable)  | 3 (Adjustable)  |
| No. of Doors                           | 4                              | 2               | 2               |
| Input Supply                           | 220V ~ 240V, 50Hz              |                 |                 |

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