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-permanent 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%)*

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

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

* If the set point of humidity is 10%RH. Then the actual value will be within 7%RH & 13%RH. If set point is 15%RH then actual value will be within 15%RH & 21%RH.
Specifications:
- Humidity Range: 20%~60%RH
- Humidity Technique: Semi-permanent 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 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.

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

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<td>20%~30% RH</td>
<td>IC Chips, SMD Chips, bare PCBs, BGAs and similar various other expensive electronics parts</td>
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<td>30%~40% RH</td>
<td>Semiconductor components, Capacitor/Inductor/Resistor Chip components, Loaded PCBs</td>
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www.indeonline.in  •  Landline: 0172 - 4640415  •  Cell Phone: 09316134502  •  Email: headoffice@indeonline.in
**ESD Safe Dry Storage Cabinet for PCBs & ICs Model IDSC-320**

Normally available with immediate delivery as we stock this model.

- **Humidity 20% ~ 60%RH with Digital Display**
- **Strong & reliable Door Hinges**
- **Digital Thermo Hygrometer**
- **Powerful Desiccator to maintain stable set Humidity range**
- **Heavy duty zinc alloy lock with air tightness**
- **Tempered Toughened Glass Windows**
- **Castor Wheels**

**Specifications:**

- **Humidity Range:** 20% ~ 60%RH
- **Humidity Technique:** Semi-permanent dry Desiccant
- **Internal Dimensions:** 898W x 420D x 848H mm approx.
- **External Dimensions:** 900W x 450D x 1030H mm approx.
- **Material:** Cold Rolled Steel with Black Paint
- **No. of Shelves:** 3 (Adjustable types)
- **Input Supply:** 220V ~ 240V, 50Hz

**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 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.

**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**

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**Warranty**

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

**Trademark Information**

Shown trademarks are property of their respective owners.

**Disclaimer**

While the information contained herein, 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.

**Contact Information**

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