# 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)

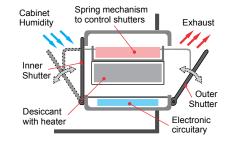
Input Supply : 220V ~ 240V, 50Hz

#### 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