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**Product Name :**

Vacuum Desiccator

**Product Code :**

SLE/CH/93



## Description :

**Vacuum Desiccator** (Product Code: SLE/CH/93) is a sealable chamber for drying samples, or keeping them dry, over a desiccant, with a stopcock that allows the air inside to be pumped outso moisture leaves faster. Its moulded polycarbonate dome is rigid and transparent, giving a clear view of the desiccant and samples without breaking the seal, while the lower part is polypropylene. Analytical, research and teaching laboratories use it to cool crucibles after ignition, store moisture-sensitive reagents and dry solids to constant weight. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

### Specifications

| Parameter | Detail |
|---|---|
| Materials | Polypropylene and polycarbonate |
| Top dome | Moulded in rigid, transparent polycarbonate; knurled knob on top for easy handling |
| Lower part | Polypropylene |
| Seal | Internal groove on the flange to hold a silicone rubber O-ring |
| Vacuum holding | Up to 740 mm of Hg for 24 hrs without any greasing |
| Stopcock | Polypropylene, fitted with a self-lubricating PTFE plug |
| Stopcock action | Three-way: vacuum creation, shutting off and vacuum releasing |
| Sterilisation | Autoclavable |

### Typical Use

Charge the lower section with fresh desiccant, place the sample vessels inside, and seat the dome so the O-ring bears evenly on the flange. Connect the stopcock to a vacuum pump, turn the PTFE plug to the evacuating position and pump down, then turn it to shut off and disconnect the pump; the chamber is specified to hold up to 740 mm of Hg for 24 hrs with no grease on the flange. When you need to open it, turn the plug slowly to the release position so air bleeds back gently and does not scatter fine powders.

In gravimetric work, crucibles and weighing bottles are cooled here between heating and weighing so they do not pick up atmospheric moisture, and hygroscopic salts or dried precipitates can be stored for days. Keep the flange and O-ring free of dust, replace spent desiccant regularly, and clean the polycarbonate dome with mild detergent rather than harsh solvents. Chemistry, pharmacy and materials departments choosing lab equipment for college use in India will find it a dependable option for dry storage.

### Manufacturer

**Jain Scientific Equipments Private Limited** trades as **ScienceLab** and is based in Ambala, Haryana, India, where it makes laboratory apparatus for education and research. Buyers comp
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