

AD101 Single Dry Store Cabinet

SKU: AD-101NM



Features & Benefits

- ◆ **Active Desiccant System:** Continuously regenerating molecular sieve desiccant that absorbs moisture without the need for moisture barrier bags, nitrogen, or compressed air.
- ◆ **Fast Recovery Time:** The cabinet recovers to <5% RH within 2 minutes after opening, ensuring consistent humidity control.
- ◆ **Internal Humidity & Temperature Meter:** Includes an accurate RH display (+/- 1% RH) and digital thermometer for precise monitoring.
- ◆ **Humidity Control:** Closed-loop RH control ensures stable internal conditions (1-3% RH) with a temperature of around 5°C above ambient.
- ◆ **Energy Efficient:** Simple to install and economical to run with no "off" time for the desiccant, ensuring continuous operation.
- ◆ **Removable Shelves:** Comes with 4 sliding, stainless steel shelves for easy storage and access.
- ◆ **Compliance:** Meets the IPC/JEDEC standard J-STD-033C for moisture-sensitive components.
- ◆ **Compact Design:** Tabletop unit with external dimensions of 775mm (H) x 700mm (W) x 750mm (D).
- ◆ **Electrostatic Safe:** Conforms to ESD Standard EN 61340-5-1 when a polycarbonate window is fitted.
- ◆ **Optional Convection Heater:** Set to 40°C for enhanced drying (Call for pricing).
- ◆ **12-Month Warranty:** Ensuring reliability and peace of mind.
- ◆ With its user-friendly design and robust features, this cabinet is ideal for electronics and components storage

About the AD101 Single Dry Store Cabinet

The AD101 Single Dry Store Cabinet is an efficient and reliable solution for humidity-controlled drying and storage, incorporating cutting-edge X-Flow Technology.

Designed to meet the IPC/Jedec J-STD-033B industry standard, it provides optimal moisture control for sensitive components, offering fast recovery times and precise RH management.

With its user-friendly design and robust features, this cabinet is ideal for electronics and components storage.

Optional Extras: Cabinet convection heater (usually set to 40°C) **CALL FOR PRICING**

The cabinets are simple to install and easy to use, consistent in operation, and are versatile and economical to run. The design offers good stability and response after door opening. The time to recover to <5%RH after a door is opened is normally less than 2 minutes!

Benefits of the ACTIVE desiccant system: No need for moisture barrier bags, nitrogen, compressed air. Less complicated than baking: Reduces oxidation. Can use low temperature packaging. Suitable for compliance with IPC/JEDEC standard J-STD-033C. Meter for internal humidity and temperature included. Closed loop control of internal humidity. No "off" time. The desiccant will always be absorbing moisture. Continually regenerating molecular sieve desiccant. Fast recovery time after a door is opened (2 minutes). Very accurate humidity display +/-1%RH

Specifications

Property	Detail
Application	ESD-protected areas, electronics mfg, cleanrooms