ATLAS DRY
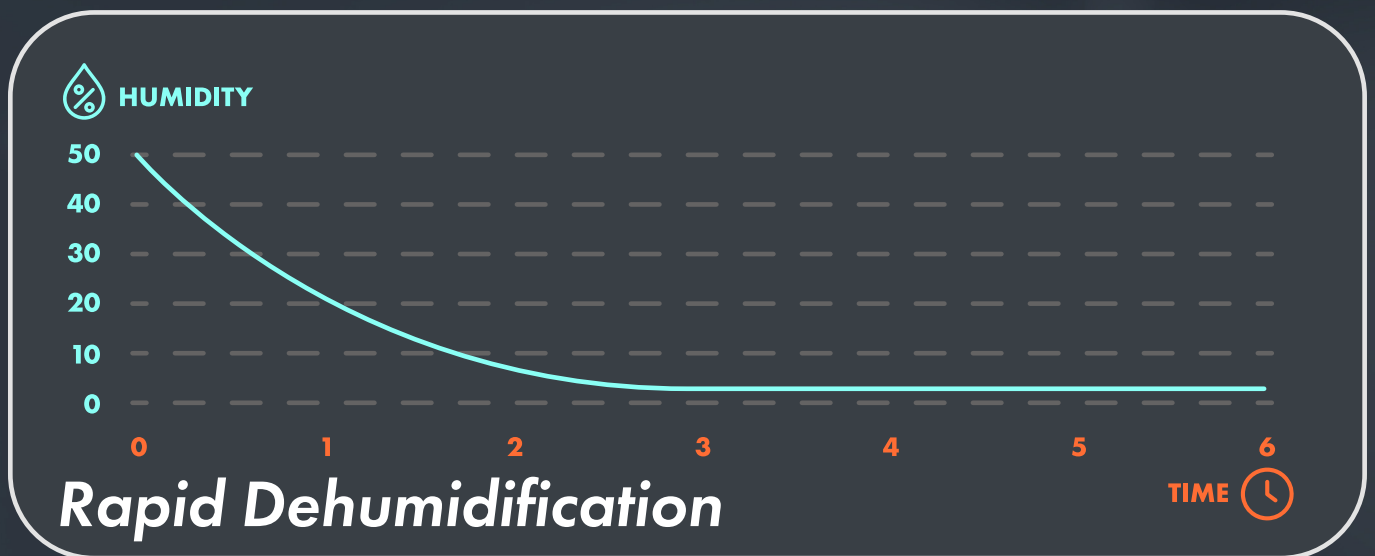## CABINETS

Fast, Reliable, and Always Accurate.

ATLAS DRY

CABINETS

The Ultimate Solution for Humidity-Sensitive Storage

Atlas Dry Cabinets, We specialize in creating top-segment dry cabinets designed to meet the demanding needs of the electronics industry. Our cabinets provide the highest quality storage for PCBs and electronic components, ensuring their safety and longevity.

Why Choose Atlas Dry Cabinets?

HUMIDITY

Rapid Dehumidification

Our cabinets lead the market with exceptional drying speed, reducing humidity from 50% RH to 1% RH in just 6 minutes. This feature is especially beneficial for companies with frequent door usage, maintaining optimal conditions even with frequent access. The speed of humidity control is the most crucial feature for a dehumidification cabinet. Achieving below 1% RH ensures that your components are stored in the best possible conditions.

Low Humidity Levels

Achieve humidity levels as low as 0.5% RH, creating an almost moisture-free environment.

Homogeneous Conditions

Our cabinets ensure uniform humidity and temperature distribution, so you see the same values in every part of the cabinet.

High-Quality Sensors

Equipped with the best humidity and temperature sensors available, our cabinets guarantee precise environmental control with a sensor accuracy of ±0.3 RH. The display shows the exact conditions inside the cabinet, ensuring complete reliability. The sensors, integrated into our comprehensive in-house software, work more accurately thanks to the software algorithm. The devices come with calibration certificates.

0.5% HUMIDITY

90° TEMPERATURE

Advanced Control

The 7" touch screen interface allows for easy management of all cabinet functions, including humidity, temperature, alarm parameters, door locks, illumination, and internal configuration. Our diagnostic page enables remote monitoring and troubleshooting of any issues.

Enhanced Dryer Units

Thanks to our advanced dryer units, the cabinets maintain the set humidity levels consistently and stably. These dryers are the most technologically advanced on the market in terms of design and functionality. The dual dryer feature allows continuous operation; while one dryer undergoes regeneration, the other continues to work. When integrated with a nitrogen unit, our superior software ensures all units work together seamlessly.

Data Logging and Remote Monitoring

With the datalogger feature, you can store data for years, download it anytime, and prepare reports. Connect to the cabinets remotely via tablet, phone, or computer for monitoring. Cabinets are equipped with Wi-Fi, Ethernet, and ModBus communication modules, ensuring seamless integration with all systems.
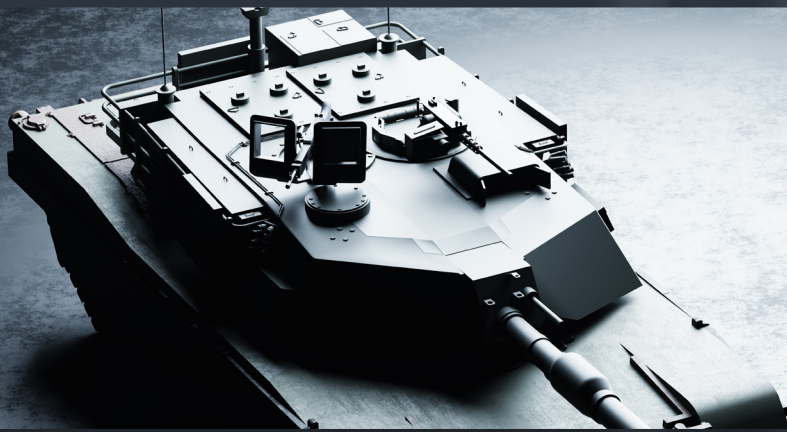
Secure Access

Automatic adjustable door lock systems allow you to authorize users and track access.

ESD Safe

Protect your components from the harmful effects of ESD with our ESD-safe cabinets.

Durable Design

Our cabinets are engineered for durability and reliability. All mechanical, electronic, and software components are developed in-house by our professional team, ensuring superior quality and reliability.
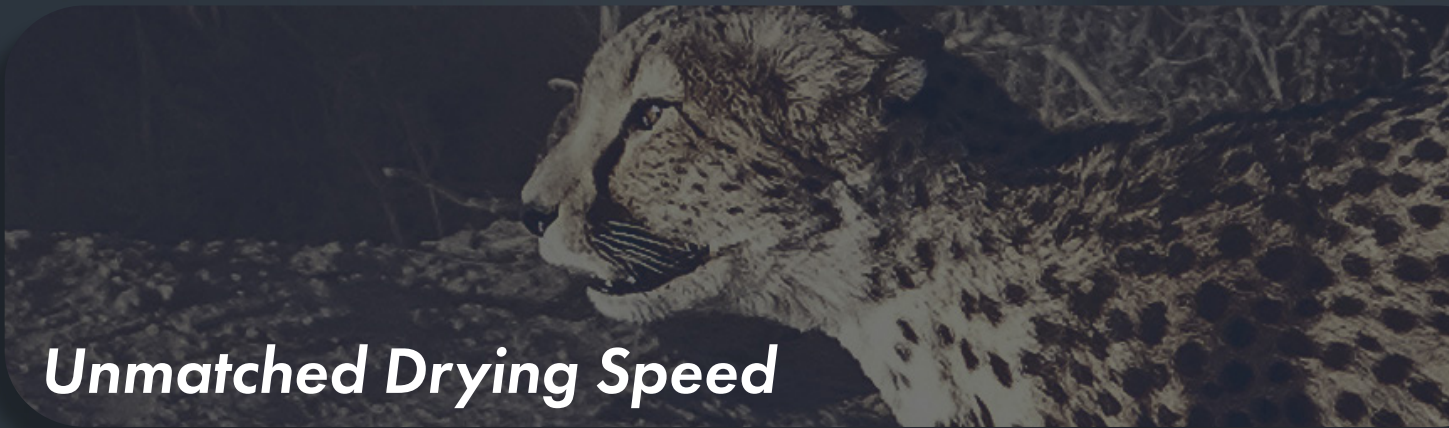
Plug-and-play Design

Our cabinets require no maintenance or consumables, ensuring easy use and installation for your storage needs.

Heating and Cooling Capabilities

With a heating range from 45°C to 130°C, our cabinets provide the ideal conditions for baking and floor life resetting. They can also cool down to 15°C to 5°C, perfect for storing solder paste, adhesives, and underfill materials.

Unmatched Drying Speed

Our dryers are the fastest dehumidifiers on the global market, ensuring your humidity control needs are met quickly and efficiently.

Nitrogen Dehumidification Systems

We also offer nitrogen dehumidification systems, which can be used in conjunction with our drying units. These systems work together to back each other up in case of any failure, ensuring uninterrupted humidity control.

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