



ATLAS DRY

CABINETS

FAST, RELIABLE & ALWAYS ACCURATE



*Humidity Controlled Dry Storage &
Baking Systems*

Standard Dry Cabinets



ADC-1900
Series



ADC-1400
Series



ADC-900
Series



ADC-700
Series



ADC-300
Series

External dimensions (W x H x D):	1410 x 2000 x 985 mm	1410 x 2000 x 745 mm	700 x 2000 x 985 mm	700 x 2000 x 745 mm	700 x 1100 x 745 mm
Internal dimensions (W x H x D):	1407 x 1600 x 850 mm	1407 x 1600 x 610 mm	697 x 1600 x 850 mm	697 x 1600 x 610 mm	697 x 775 x 610 mm
Volume:	1913 Lt	1373 Lt	947 Lt	680 Lt	330 Lt
Doors:	4	4	2	2	1
Average Power Consumption:	50 W	50 W	50 W	50 W	50 W
Number of Shelves:	No standard shelves (optional)	10	5	5	2

High Temperature Dry Cabinets



ADC-1900-HT
Series



ADC-1400-HT
Series



ADC-900-HT
Series



ADC-700-HT
Series



ADC-300-HT
Series

External dimensions (W x H x D):	1490 x 2010 x 1035 mm	1490 x 2010 x 795 mm	780 x 2000 x 1035 mm	780 x 2000 x 795 mm	780 x 1135 x 795 mm
Internal dimensions (W x H x D):	1363 x 1513 x 858 mm	1363 x 1512 x 618 mm	653 x 1512 x 858 mm	653 x 1512 x 618 mm	653 x 664 x 618 mm
Volume:	1780 Lt	1280 Lt	850 Lt	610 Lt	270 Lt
Doors:	4	4	2	2	1
Number of Shelves:	No standard shelves (optional)	10	5	5	2

THE ULTIMATE SOLUTION for HUMIDITY-SENSITIVE STORAGE

At **Atlas Dry Cabinets**, we specialize in creating top-segment dry cabinets designed to meet the demanding needs of the electronics industry.

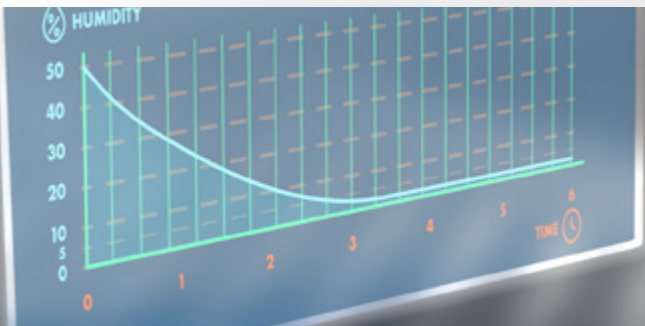


Engineered for mission-critical storage of moisture-sensitive electronics.

WHY CHOOSE **ATLAS DRY CABINETS**?

Performance

Rapid Dehumidification



The fastest recovery on the market: 50% RH to 1% RH in just 6 minutes. This ensures fast recovery after door openings and maintains optimal storage conditions even in high-usage environments.

Ultra-Low Humidity Levels



Achieve humidity levels as low as 0.5% RH, creating an ultra-dry environment ideal for storing moisture-sensitive electronic components and materials requiring maximum protection.



High-Speed Drying Performance

Our advanced drying systems deliver the fastest dehumidification performance in the market, ensuring rapid humidity reduction and stable control for demanding industrial applications.



Ultra-Stable Environment Control

Advanced algorithms and optimized airflow design eliminate fluctuations, ensuring stable humidity and temperature conditions across the entire cabinet.



Homogeneous Conditions

Atlas Dry Cabinets ensure uniform humidity and temperature distribution throughout the entire cabinet. Advanced airflow design and precise control algorithms eliminate variations, providing consistent environmental conditions in every section and ensuring reliable protection for sensitive components.



Technology

PID Control System

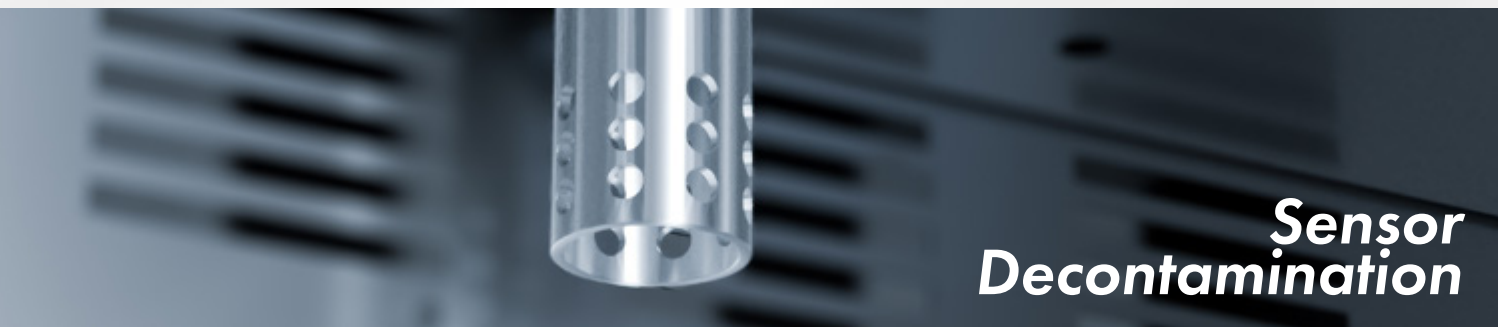
Atlas Dry Cabinets utilize advanced PID control for both humidity and temperature, ensuring precise regulation, stable conditions, and repeatable performance. This ensures precise regulation, eliminates fluctuations, and maintains homogeneous conditions throughout the cabinet, delivering stable and repeatable performance under all operating conditions.



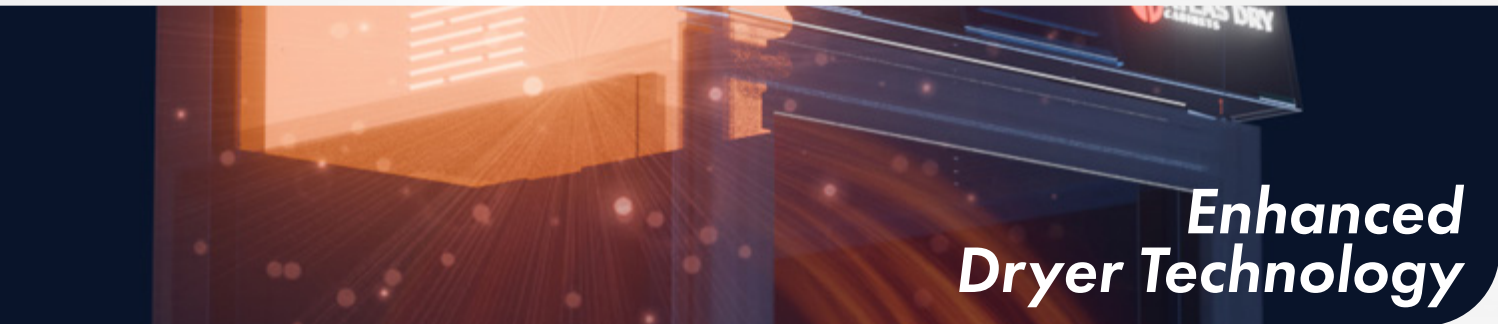
Dryer regeneration cycles adapt dynamically based on real-time humidity levels rather than fixed intervals. This improves efficiency, reduces energy consumption, and ensures optimal drying performance at all times.



The dual dryer system enables continuous operation by allowing one unit to regenerate while the other remains active. This guarantees uninterrupted humidity control and faster recovery.



Automatic sensor cleaning through controlled heating cycles prevents drift and ensures long-term measurement accuracy without manual calibration.



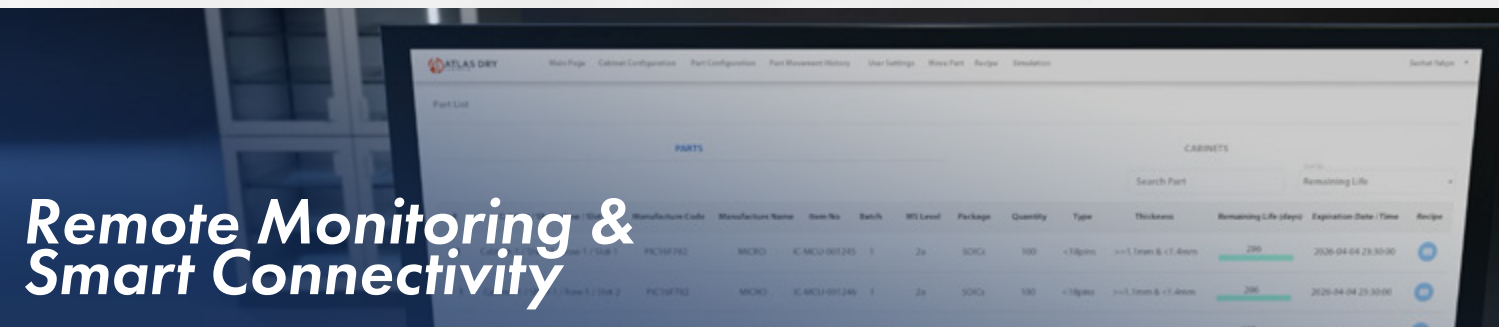
Advanced dryer units maintain stable humidity levels with high efficiency and reliability. Supported by intelligent control systems and dual dryer architecture, they ensure continuous operation and optimized performance under all conditions.



The 7" touchscreen interface allows full control of all cabinet functions, including humidity, temperature, alarms, lighting, and access settings. Combined with diagnostic capabilities, it enables easy operation, real-time monitoring, and efficient system management.



Integrated data logging stores long-term humidity and temperature records for monitoring and reporting. With Wi-Fi, Ethernet, and ModBus connectivity, users can remotely access, analyze, and integrate cabinet data into factory systems.



Real-time monitoring via Wi-Fi, Ethernet, and ModBus allows seamless integration into Industry 4.0 and smart factory systems.



The integrated diagnostic system allows testing and control of all critical components, enabling fast troubleshooting and reducing downtime.

Design & Build Quality

Robust Industrial Design

Built with high-quality materials and fully in-house manufacturing, Atlas Dry Cabinets offer exceptional durability and reliability. Every mechanical, electronic, and software component is engineered for long-term industrial performance.

Functional Features

Heating & Cooling Functions

With a heating range of 45°C to 130°C and cooling capability down to 5°C, Atlas Dry Cabinets provide versatile solutions for baking, floor life resetting, and storage of temperature-sensitive materials.

ESD Safe Design

Designed in compliance with ESD protection standards, Atlas Dry Cabinets prevent electrostatic discharge, ensuring safe storage of sensitive electronic components and reducing the risk of damage during handling and storage.

Intelligent Nitrogen Control Unit (INCUI)

The Intelligent Nitrogen Control Unit (INCUI) optimizes nitrogen usage by activating only when required. Integrated with the drying system, it ensures efficient operation, reduces gas consumption, and provides reliable backup humidity control.

Plug-and-Play Operation

Atlas Dry Cabinets are designed for easy installation and immediate operation without the need for consumables or complex setup. This ensures quick deployment, minimal downtime, and user-friendly operation.

Automatic Door Locks

Atlas Dry Cabinets feature automatic door locking systems with password protection and optional RFID access. These systems prevent unauthorized access, allow user-based authorization, and provide secure and controlled operation in industrial environments.

Zero Maintenance Design

Designed without consumables or routine service requirements, Atlas Dry Cabinets provide true maintenance-free operation and reduced operational costs.

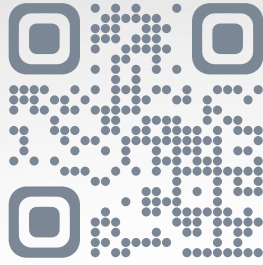
High-Precision Sensors

Equipped with high-precision humidity and temperature sensors, Atlas Dry Cabinets deliver $\pm 0.3\%$ RH accuracy. Integrated with advanced in-house algorithms and supported by sensor management systems, they provide reliable, stable, and long-term measurement performance with certified calibration.



ATLAS DRY

CABINETS



1900 L

1400 L

900 L

700 L

300 L



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