



Since 1991

Company Profile

Dr. Storage is a professional brand specializing in electronic dry storage and humidity control solutions, founded in Taiwan in 1991. With over 30 years of experience in product development and manufacturing, our products are highly reliable and stable, trusted not only by leading international electronics and semiconductor companies, but also by organizations at the forefront of global neuroscience and aerospace technology.

Dr. Storage has its own in-house development and engineering teams, covering hardware manufacturing to software development. In addition to standard humidity monitoring products, we also undertake custom collaboration projects. Currently, we operate multiple R&D and manufacturing sites in Taiwan and China, ensuring global supply capabilities.

Our dry cabinets are widely used across the semiconductor, SMT, optoelectronics, medical, laboratory, and aerospace industries, ensuring critical components are safely stored under controlled low-humidity environments.

From ultra-low humidity dry cabinets to intelligent IoT monitoring platforms, we offer a complete range of storage solutions to help customers prevent moisture-related defects, improve inventory management, and meet international MSD handling standards. Trusted by customers across Europe, the Americas, Asia, India, Thailand, Singapore & Malaysia, Brazil, the Middle East, and China, Dr. Storage also maintains multiple distribution and service centers worldwide. CE certified, with select models UL certified, our products meet industry standards such as J-STD-033D.

Committed to innovation and reliable support, we look forward to helping customers worldwide achieve optimal storage solutions.



Taiwan HQ



Shanghai office



Kuanshan factory



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MSD Dry Storage Cabinet	P. 5-7
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- F05 UltraDry <0.5%RH High-Efficiency Dry Cabinet
- iF1 IOT Dry Cabinet with Ultra-Low Humidity <1%RH
- iX2B IOT Dry Cabinet with Ultra-Low Humidity ≤5%RH
- A1B Dry Cabinet with Multiple RH Control (1–50%RH)
- A15U Dry Cabinet with Multiple RH Control (15–50%RH)
- Drawer-Type Dry Cabinet

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Smart SMT Reel Management & Feeder Storage

Protects SMT reels with ultra-low humidity while providing intelligent tracking and inventory management. Designed with an open communication interface, it ensures seamless integration with MES/ERP systems and existing factory infrastructures. Boost productivity, reduce errors, and optimize material flow with a flexible, modular system, making it the ideal choice for electronics manufacturers seeking smarter, more reliable, and fully traceable reel storage.



CT-1106-2

- Ultra-Low Humidity Protection
- Intelligent Tracking & Integration
- Flexible Modular Rack & Storage Design



Combining feeder racks with ultra-low humidity design, this dry cabinet is specially designed for feeders, allowing simultaneous storage of feeders and component reels. It effectively preserves component quality while reducing handling time and labor costs, enhancing production efficiency.

- Ultra-Low Humidity Storage
- Integrated Feeder Rack Design
- Efficiency Enhancement



CE-170

Baking Dry Cabinet 70°C/50°C with <1%RH

The T50A and T70A Baking Dry Cabinets combine heating and dehumidification systems for moisture-sensitive materials such as electronic components and semiconductor assemblies. They provide gentle heating and ultra-low humidity drying, keeping a consistently low-humidity environment to ensure materials stay dry and maintain stable quality.

- Integrated Heating & Dehumidification
 - Consistently Low-Humidity Environment
- Floor Life Restoration
 - Optional IoT Connectivity



T70A/T50A-1200-6

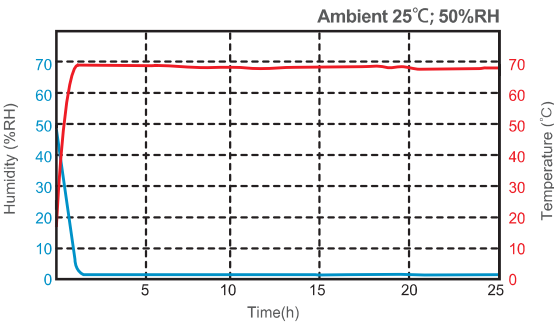


T70A/T50A-790



T70A/T50A-480

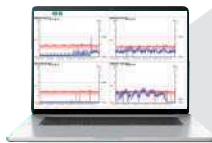
T70A Performance



Options



Data Logger



IoT Monitoring System

Model	T70A-1200-6	T50A-1200-6	T70A-790	T50A-790	T70A-480	T50A-480
Performance	<1%RH at 70°C	<1%RH at 50°C	<1%RH at 70°C	<1%RH at 50°C	<1%RH at 70°C	<1%RH at 50°C
External Dims	W1200*D830*H1966		W600*D830*H1966		W600*D830*H1455	
Internal Dims	W1086*D587*H1496		W486*D587*H1496		W486*D587*H985	
Capacity	954L		426L		281L	
Shelves No.	5		5		3	

- Temperature range is fixed per model
- T50A models operate at 40-50°C, while T70A models operate at 40-70°C

UltraDry <0.5%RH High-Efficiency Dry Cabinet

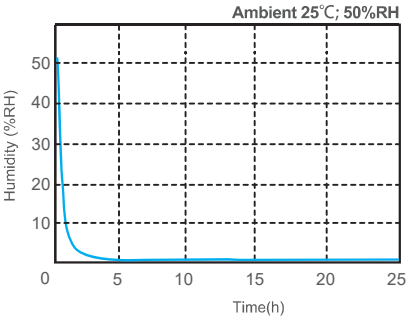
The UltraDry <0.5%RH High-Efficiency Dry Cabinet delivers industry-leading moisture control for sensitive electronic components. With ultra-low humidity levels below 0.5%RH and an energy-efficient design, it ensures optimal protection while maintaining reliable and cost-effective operation. Ideal for SMT production lines and electronic storage, it combines precision, reliability, and efficiency in a single, compact solution.

- Ultra-Low Humidity Protection
 - High-Efficiency Operation
- Optional IoT Connectivity
 - Comply with J-STD-033D

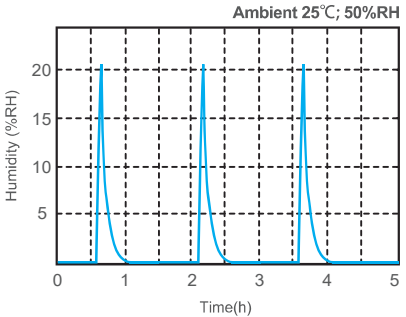


F05-1200-6

Performance



Highly-Efficient Recovery Time



< Door is opened for 30 seconds and closed >

Model	F05-1200-6
External Dims	W1200*D672*H1820
Internal Dims	W1164*D612*H1600
Capacity	1250L
Shelves No.	5

Option

Smart Energy Management Module

An ideal tool for equipment power analysis and energy efficiency evaluation, supporting ESG goals.



Electricity billing/statistics



Power calculation



Current Measurement



Voltage switching

IOT Dry Cabinet with Ultra-Low Humidity

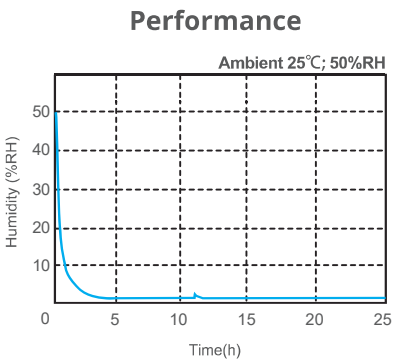
Dr. Storage IoT Dry Cabinets offer <1% or <5% RH humidity control depending on the model, fully compliant with J-STD-033D. Designed for MSD storage, each unit features automatic LED lighting, network-ready ports, an RS-232 port, and optional humidity data logging for traceability.

Constructed with ESD-safe powder coating, heavy-duty steel shelves, the airtight enclosure ensures stable performance. ESD casters (on most models) and optional drawer trays provide flexible internal layout, while color-coded storage bins help organize documents or small parts. Ideal for smart, secure, and compliant dry storage.

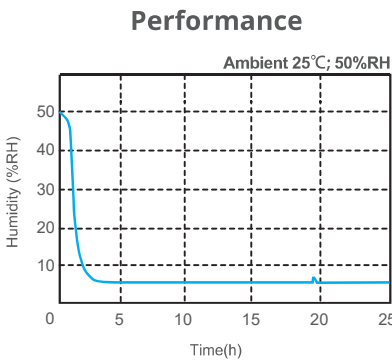
- Ultra-Low Humidity Protection
 - High-Efficiency Operation
- Optional IoT Connectivity
 - Comply with J-STD-033D



iF1-1200-6



iX2B-600



Options



IoT Monitoring System Support



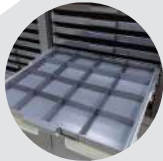
QDN Nitrogen Control Module



Data Logger



Colored Bins



Shelf-mounted drawer

Model	iF1-1200-6	iF1-600	iF1-400	iF1-200	iX2B-1200-6	iX2B-600	iX2B-400	iX2B-200
Performance	<1%RH (± 1%RH)				≤5%RH			
External Dims	W1200*D672*H1820	W600*D672*H1820	W600*D672*H1274	W600*D672*H636	W1200*D672*H1820	W600*D672*H1820	W600*D672*H1274	W600*D672*H636
Internal Dims	W1164*D612*H1600	W564*D630*H1600	W564*D630*H1055	W564*D630*H508	W1164*D612*H1600	W564*D630*H1600	W564*D630*H1055	W564*D630*H508
Capacity	1250L	624L	413L	202L	1250L	624L	413L	202L
Shelves No.	5	5	3	2	5	5	3	2

Dry Cabinet with Multiple RH Control (1-50%RH or 15-50%RH)



Energy-efficient dehumidification ensures stable performance. Adjustable shelves, optional drawers, and color-coded bins allow flexible organization. Ideal for labs, electronics, optics, tooling, and general items.

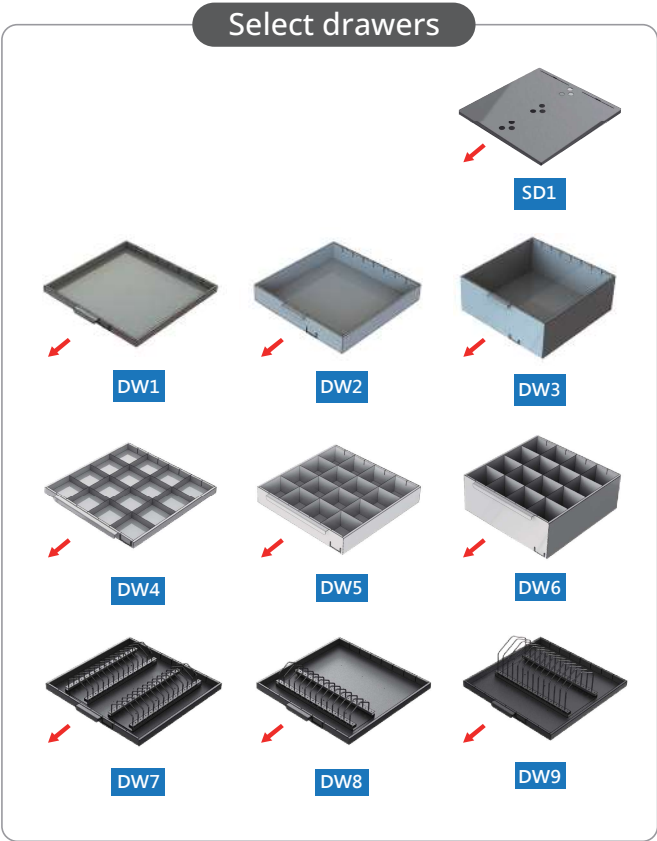
Includes a digital hygrometer and RS-232 interface for monitoring and system integration.

Model	A15U/A1B-1200-6	A15U/A1B-600	A15U/A1B-400	A15U/A1B-200
Performance	A15U: 15~50%RH / A1B: 1~50%RH (Adjustable)			
External Dims	W1200*D672*H1820	W600*D672*H1820	W600*D672*H1274	W600*D672*H636
Internal Dims	W1164*D612*H1600	W564*D630*H1600	W564*D630*H1055	W564*D630*H508
Capacity	1250L	624L	413L	202L
Shelves No.	5	5	3	2

Drawer-Type Dry Cabinet

Designed for small components and precision materials, this drawer-type dry cabinet provides precise humidity control to keep items dry and stable. Various drawer options allow storage of different electronic component reels and categorized materials, such as Reel, PCB, IC, BGA, and SMD components. Items are well-organized for quick retrieval, minimizing door-open time and improving management efficiency.

Made-to-order, the cabinet can be upgraded with advanced humidity or nitrogen control systems, providing a more flexible storage solution.



Smart Nitrogen Dry Cabinet



QS-1200-6

(made of stainless steel)



QB-600

The smart nitrogen cabinet automatically injects nitrogen based on preset humidity or O₂ levels (optional). When sensors detect humidity or O₂ above the setpoint, nitrogen is released; once the target is reached, injection stops. Unlike traditional 24/7 uncontrolled nitrogen cabinets, this system significantly reduces nitrogen consumption and lowers operational costs.

Adopted by multiple internationally renowned semiconductor manufacturers, the cabinet can be integrated with network monitoring for continuous energy savings. Compared to conventional nitrogen cabinets, it can save 30–70% of nitrogen usage. Cabinets are available in cleanroom-grade stainless steel or ESD-coated versions for general factory environments. For facilities with existing nitrogen cabinets, the external **NC5R nitrogen controller** allows flexible on-site upgrades.

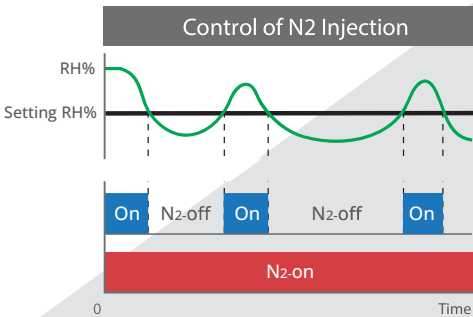
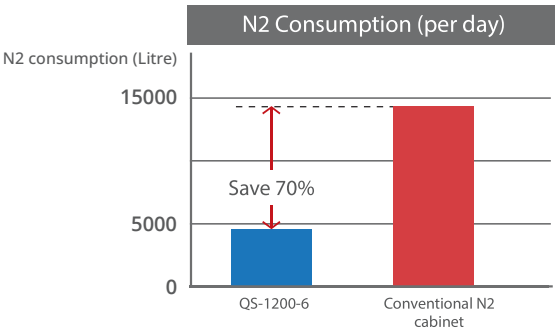
Model	QS-1200-6	QS-600	QS-400	QS-200
Performance	1~50%RH			
External Dims	W1200*D672*H1820	W600*D672*H1820	W600*D672*H1274	W600*D672*H636
Internal Dims	W1198*D610*H1645	W598*D610*H1645	W598*D610*H1099	W598*D610*H552
Capacity	1250L	624L	413L	202L
Shelves No.	5	5	3	2

Model	QB-1200-6	QB-600	QB-400	QB-200
Performance	1~50%RH			
External Dims	W1200*D672*H1820	W600*D672*H1820	W600*D672*H1274	W600*D672*H636
Internal Dims	W1164*D612*H1600	W564*D630*H1600	W564*D630*H1055	W564*D630*H508
Capacity	1250L	624L	413L	202L
Shelves No.	5	5	3	2

- Automatic Nitrogen Control
- Save 30–70% Costs
- Optional IoT Connectivity



NC5R nitrogen controller
Dimensions : W250*D210*H90mm



N2 Consumption of conventional cabinet

Traditional N2 cabinet will inject N2 into the cabinet all the time regardless the relative humidity is reached or not.

N2 Consumption of QS-1200-6

N2 saving controller will stop the inflow of nitrogen air when preset RH is reached. Huge amount of nitrogen cost can be saved right away.

3D Filament Dry Box



XC-3D68

- Designed for 3D material storage with stable 5~15%RH to ensure material stability and print quality.
- Features 4 top output ports for easy filament access and direct feeding.
- Equipped with a temperature and humidity sensor display that records up to 40,000 data points.

The Dr. Storage Filament Dry Cabinet is an indispensable accessory for both 3D printing enthusiasts and professionals who work with moisture-sensitive filaments. Engineered to provide precise humidity control, this advanced dry box maintains an optimal environment with stable humidity levels ranging from 5% to 15% RH. This controlled atmosphere is essential for preserving the quality and performance of your 3D printing materials, ensuring consistent, high-quality results.

Equipped with a high-precision temperature and humidity sensor display, the Dr. Storage Filament Dry Cabinet can record up to 40,000 data points, giving you comprehensive insights into the internal conditions. The display provides real-time temperature and humidity readings, allowing you to easily manage the storage environment inside the cabinet.

Additionally, the Dr. Storage Filament Dry Cabinet features four output ports on the top, providing easy access for feeding filament directly into your printer. This design eliminates the need for frequent handling of your materials, further protecting them from moisture exposure and ensuring a smoother, more reliable printing experience.



Model	XC-3D68
Humidity Range	<10%RH±5%RH
Average Power Consumption	26 Wh
External Size (W*D*H mm)	400*444*532 (includes feeding ports for direct printing.)
Internal Size (W*D*H mm)	398*382*445
Capacity (L)	68
Number of 3D Printing Filament Placed	Maximum up to 8 Reels (Filament Diameter Ø 1.75mm · Outer Diameter of Spool Ø 20cm)

Alarm Hygrometer



HT-5D

Alarm Hygrometer is installed at precisely controlled environment, such as storage room of precious collections, production line of high tech electronic components, optical and medical industries ...etc. It can not only display the temperature and relative humidity, but also help engineers to check and repair the facilities immediately by flash buzzer alarm that is activated as soon as the temperature or relative humidity exceeds desired RH/Temp. With this function, millions of dollars could be saved in time. To save monitoring manpower at a huge plant, sets of HT series can be connected to a PC through intranet network. Data of temperature and relative humidity can be recorded and the fluctuation shown in the graph.



Humidity Control Glove Box

This innovative glove box features a transparent acrylic enclosure, allowing clear visibility while maintaining a controlled atmosphere.

Designed with built-in gloves, the Glove Box with Humidity Control facilitates easy handling of powders and sensitive materials within a humidity-controlled environment. It is ideal for tasks such as weighing or packaging powders, ensuring that all operations are performed under optimal conditions.



GB-250A



Model	GB-250X	GB-250A	GB-250Q	GB-250
Humidity Range	<5%RH	5~50%RH	1~50%RH	X
Control Mode	Auto	Adjustable	Adjustable (N2 is required)	Non (Empty box)
Capacity	250L			
Outside Dimension	W1000xD626xH630mm			
Internal Dimension	W880xD575xH605mm			
Box Frame	Acrylic			

SensorLook – Centralized Humidity & Temperature Monitoring

SensorLook software allows real-time monitoring of humidity and temperature for Dr. Storage dry cabinets, Smart Nitrogen cabinets, and alarm hygrometers. It supports monitoring across distributed locations via wired (Ethernet) connections.

With the centralized SensorLook system, QA/QC personnel can easily oversee multiple devices from a single location, streamlining management and reducing labor costs.

- 24/7 Automatic Humidity & Temperature Monitoring
 - Instant Alerts for Out-of-Range Conditions
 - Centralized Multi-Device Monitoring
- Intuitive Device Location Display
 - Flexible Dashboard Views
 - Comprehensive Data Analysis



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• Product design and specifications may change with ongoing R&D, without notice.