

Temperature & Humidity Solution Provider

Dry Cabinets for Moisture Sensitive Devices

- *Middle humidity series 20%–60%RH**
- *Low humidity series 10%–20%RH**
- *Ultra-low humidity series 1%–10%RH**
- *Bottom low humidity series 1%–5%RH**
- *Lowest humidity series 1%–3%RH**
- *Nitrogen dry cabinet series 1%–60%RH**



EMC
tested

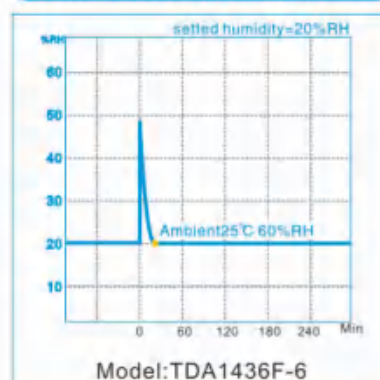


Middle Humidity Series 20%-60%RH(Adjustable)

Application: camera, lenses, photographs, optical, negative, video tapes, slide, films, oil painting, stamps, drawing, microphones, CD, DVD, detector, charger, precision bearing, precious instruments, etc



<Open door 30s and closed>



Temperature display accuracy: $\pm 1.0^{\circ}\text{C}$



Humidity display accuracy: $\pm 3\%\text{RH}$

Powerful desiccant (free exchange) inside cabinet absorb and exhaust moisture automatically, together with advanced IC timer, memory alloy and heating module, the whole cycle repeat automatically, so the inside humidity lowered, the humidity is controlled by LED controller.

Specification

Features:

- Equipped with powerful & fast dry unit
- Reinforced steel body with ESD paint (Black color)
- US imported Honeywell humidity sensor
- With 1M Ω earth terminal

Capacity	Internal Size (W×D×H, mm)	External Size (W×D×H, mm)	Shelves	GW (KG)	Average Power (W)	Max. Loading / Shelf (KG)
98L	446*372*598	448*400*688	1	31	13	50
160L	446*422*848	448*450*1010	3	43	18	50
240L	596*372*1148	598*400*1310	3	57	18	50
320L	898*422*848	900*450*1010	3	70	20	80
435L	898*572*848	900*600*1010	3	82	20	80
540L	596*682*1298	598*710*1465	3	95	20	80
718L	596*682*1723	598*710*1910	5	105	20	80
870L	898*572*1698	900*600*1890	5	130	40	100
1436L	1198*682*1723	1200*710*1910	5	189	40	100
1436L	1198*682*1723	1200*710*1910	5	189	40	100

Remark: The whole cabinet is made by reinforced steel. 2. White color is without ESD function.
Options: *Data logger with RS232 port *Door open alarm *Over humidity alarm

Low Humidity Series 10%-20%RH(Adjustable)

China exclusive supplier that pass ROHS to avoid pollution on electronics!

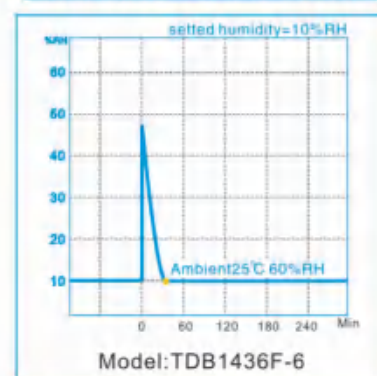


Temperature display accuracy: $\pm 1.0^{\circ}\text{C}$



Humidity display accuracy: $\pm 3\%\text{RH}$

<Open door 30s and closed>



Application



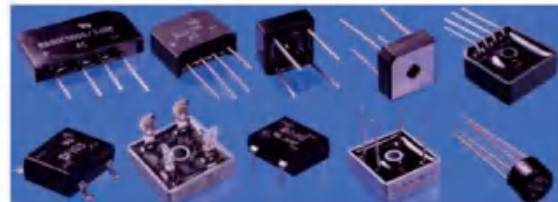
Chemicals



Crystal



Electronic components



Features:

- Equipped with powerful & fast dry unit
- Reinforced steel body with ESD paint(Black color)
- US imported Honeywell humidity sensor
- With 1MΩ earth terminal

Specification

- Remark:**
- 1.The whole cabinet is made by reinforced steel
 - 2.White color is without ESD function.
- Options:**
- *Data logger with RS232 port
 - *Door open alarm
 - *Over humidity alarm

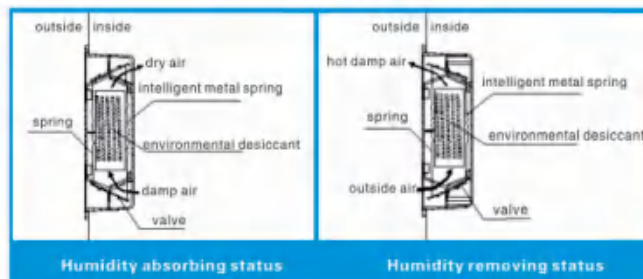
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Ultra-low Humidity Series 1%–10%RH(Automatic)

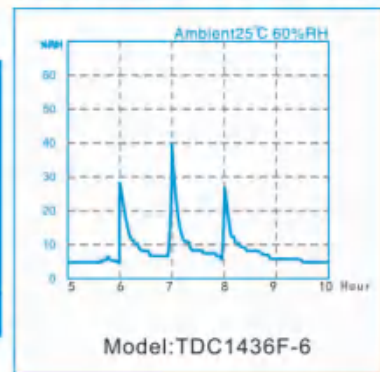
Newest Patent: Open door 30s and closed, the humidity can achieve <10%RH within 15min!



Working Principle



<Open door 30s and closed>



Application



Features:

- powerful & fast dry unit –Reinforced steel body with ESD paint(Black color)
- loneywell humidity sensor –With 1MΩ earth terminal

Specification

Remark:
 1.The whole cabinet is made by reinforced steel
 2.White color is without ESD function.
Options:
 *Data logger with RS232 port
 *Door open alarm
 *Over humidity alarm

Capacity	Internal Size (W×D×H,mm)	External Size (W×D×H,mm)	Shelves	GW (KG)	Average Power(W)	Max.Loading /Shelf(KG)
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870L	898*572*1698	900*600*1890	5	130	80	100
1436L	1198*682*1723	1200*710*1910	5	189	120	100
1436L	1198*682*1723	1200*710*1910	5	189	120	100

Bottom Low Humidity Series 1%–5%RH(Automatic)

Newest Patent: Open door 30s and closed, the humidity can achieve <5%RH within 30 min!



Application



01-IC packages



02-Silicon wafer

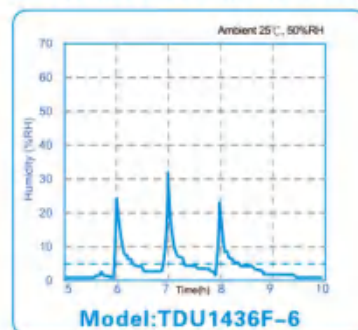


03-PCB boards



04-Electronic components

<Open door 30s and closed>



Workshop Details



Specification

Remark:

1. The whole cabinet is made by reinforced steel
2. White color is without ESD function.

Options:

- *Data logger with RS232 port
- *Door open alarm
- *Over humidity alarm

Capacity	Internal Size (W×D×H,mm)	External Size (W×D×H,mm)	Shelves	GW (KG)	Average Power(W)	Max.Loading /Shelf(KG)
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1436L	1198*682*1723	1200*710*1910	5	189	120	100

Lowest Humidity Series 1%-3%RH(Automatic)

1%-3%RH series are equipped with super powerful dry unit to reliably maintain humidity to be <3%RH, which meets IPC/JEDEC J-STD-033C standard, the optimal choice for Integrated Circuits, PCB boards, Optical Fiber, Medicine and the like.

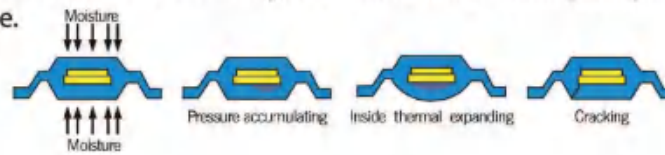
Open door 30s and closed, the humidity can reach <3%RH within 30 min!



Features:

- Equipped with super powerful dry unit
- Reinforced steel body with ESD paint(Black color)
- US imported Honeywell humidity sensor
- With 1M Ω earth terminal

In SMT manufacturing process, moisture is absolutely a killer for PCB/IC, during the heating process, the PCB/IC is likely to crack and thus cause non-effective welding because of the humidity, these MSD will be damaged by moisture immersion during production line and also inappropriate storage.



Application:



IC Package



Silicon Wafer

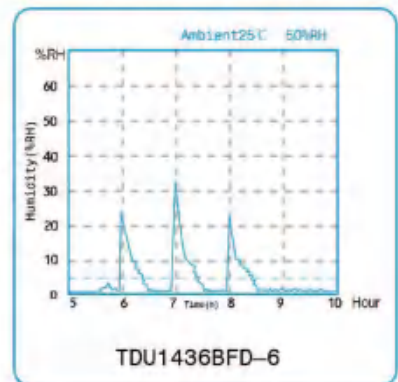


PCB Board



Ceramics

<Open door 30s and closed>



Specification

Capacity	Internal Size (W×D×H,mm)	External Size (W×D×H,mm)	Shelves	GW (KG)	Average Power(W)	Max. Loading /Shelf(KG)
320L	898*422*848	900*450*1010	3	70	40	80
435L	898*572*848	900*600*1010	3	82	40	80
540L	596*682*1298	598*710*1465	3	95	60	80
718L	596*682*1723	598*710*1910	5	105	60	80
870L	898*572*1698	900*600*1890	5	130	80	100
1436L	1198*682*1723	1200*710*1910	5	189	120	100
1436L	1198*682*1723	1200*710*1910	5	189	120	100

Remark: 1. The whole cabinet is made by reinforced steel 2. White color is without ESD function.

Options: *Data logger with RS232 port *Door open alarm *Over humidity alarm

Nitrogen Dry Cabinet Series 1%–60%RH(Adjustable)

It will automatically cut off nitrogen supply once the cabinet reaches required humidity, which prevent humidity and oxidation, widely applied on LED, Semiconductor, Electronics Industry!

Temperature display accuracy: $\pm 1.0^{\circ}\text{C}$



Humidity display accuracy: $\pm 3\%\text{RH}$



Advantages



Specification

Capacity	Internal Size (W×D×H,mm)	External Size (W×D×H,mm)	Shelves	GW (KG)	Average Power(W)	Max.Loading /Shelf(KG)
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Remark: 1. The whole cabinet is made by reinforced steel;
2. White color is without ESD function.

Options: *Data logger with RS232 port *Door open alarm *Over humidity alarm

Customized Dry Cabinet



Stainless steel
sus#304 cabinet



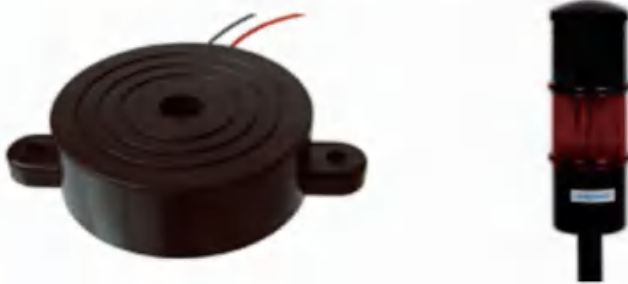
Special cabinet
with drawers



Independent humidity
control cabinet

Accessories

Door open & Over humidity buzzer alarm and flash alarm (Optional)



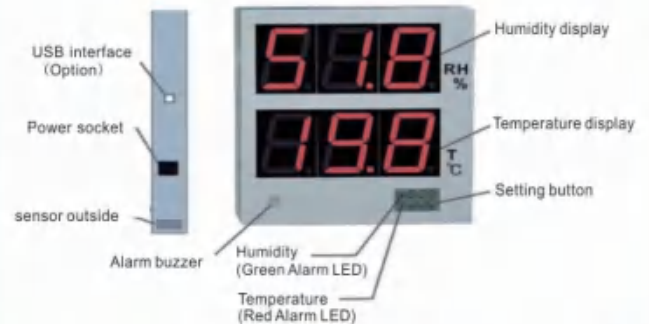
Data Logger (Optional)

It suits all Symor manufactured dry cabinet, nitrogen dry cabinet, the software can automatically store data, read temperature and humidity curve on PC through RS232 port for max. 800 hours, efficiently replace manual recording method.



Hygrometer(Optional)

Manage the temperature and humidity in production line!
Normally hygrometer is installed in precise control environment, such as semiconductor and electronic production line, medicine R&D workshop, electronic components storage room, etc.



Model	TD-18D
Temperature range	-9.9°C ~ +70°C, $\pm 1^\circ\text{C}$
Humidity range	0.1%RH-99.9%RH, $\pm 3\%RH$
Size(mm)	340*360*55
Voltage	AC85-240V, 50/60HZ
Visibility distance	30m
Power consumption	5W/h

Remark: Equipped with over humidity, over temperature alarm.

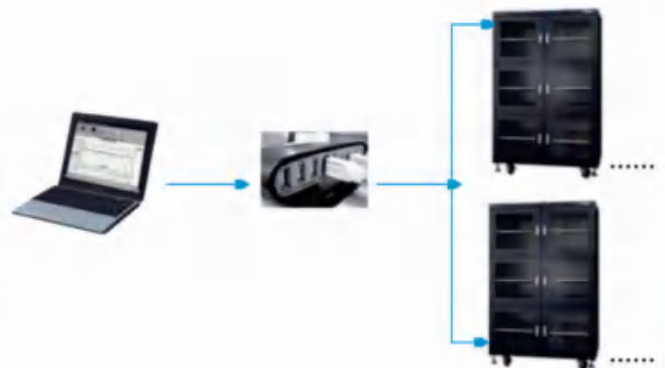
Network Technique(Optional)

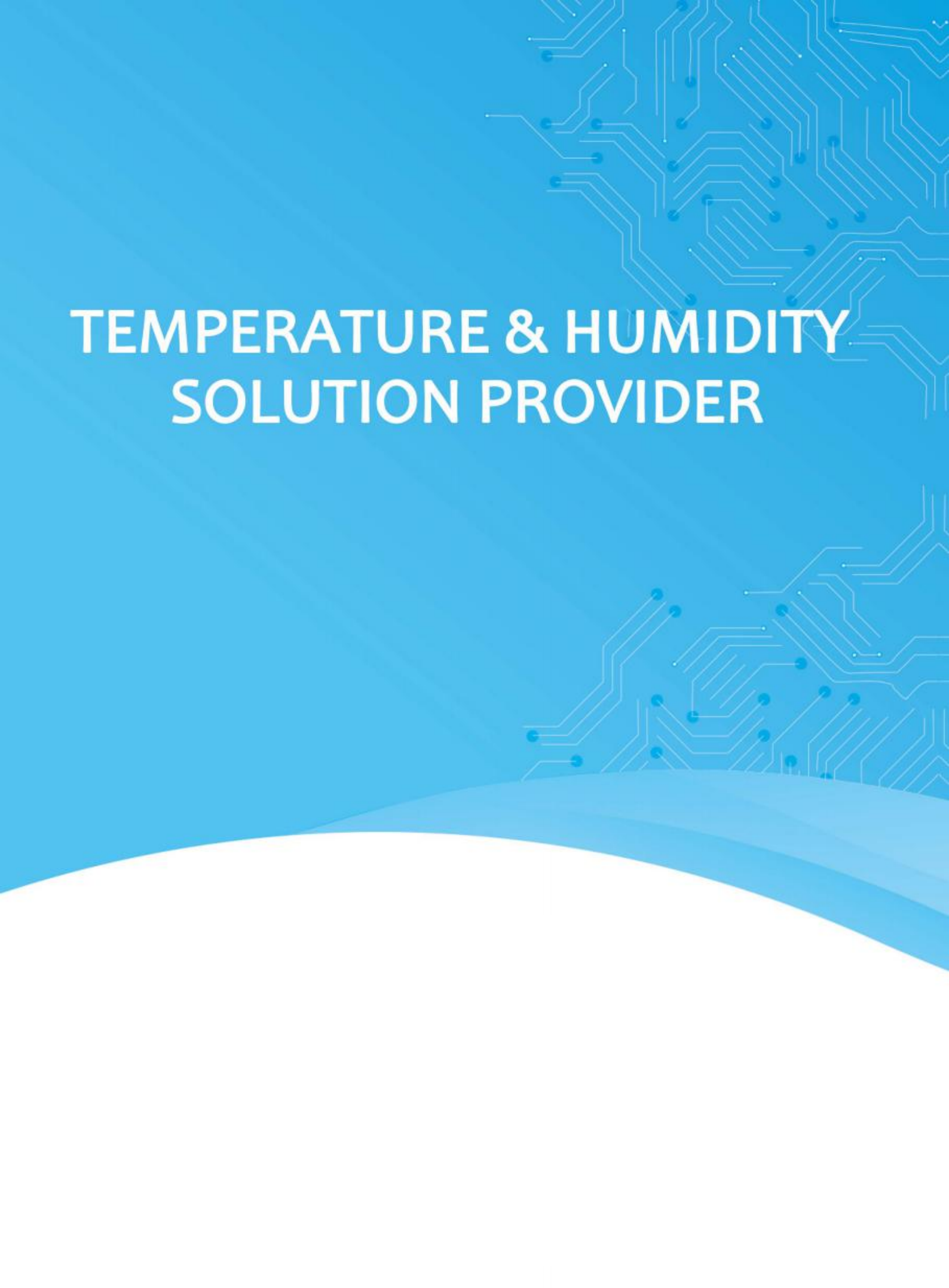
All Symor manufactured dry cabinets, nitrogen dry cabinets can be networked.

*Network up to 250 units dry cabinets through one PC with our drive software, at present the quantity reach Max. 125 units in our past successful case, it can monitor and read data in real time, the data can transfer to curve on PC

*Printing function

*Support Chinese-English languages





TEMPERATURE & HUMIDITY SOLUTION PROVIDER