Model: QB-200
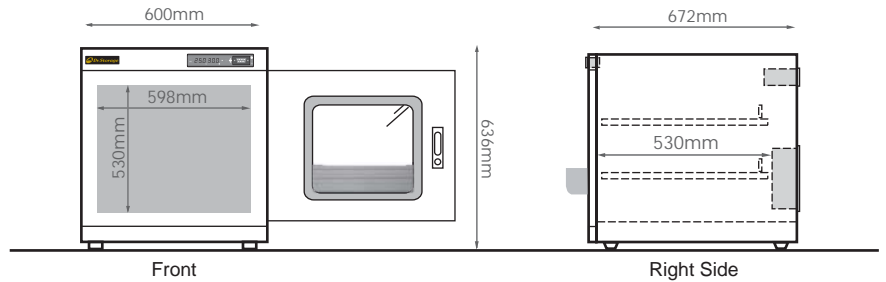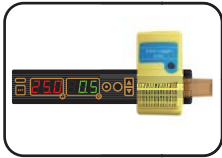

600mm

598mm

530mm

636mm

Front

672mm

530mm

Right Side

This N2 saving cabinet is designed to control the filling of dry air into the cabinet, so the desired relative humidity in the cabinet can be reached.
Use Dr. Storage smart nitrogen cabinet, over 30~60% of N2 can be saved.

Innovative Humidity Management Tool:
Data Logger GT-05(option): automatically record ambient & internal humidity data.
Benefit: save labor cost, simplify performance monitoring.

Automatic Alert Function:
Display built-in alarm: activate the flash & buzzer when the humidity or temp. is higher than the setting of upper limit.
Benefit: avoid abnormal humidity conditions by reminding users in real time.
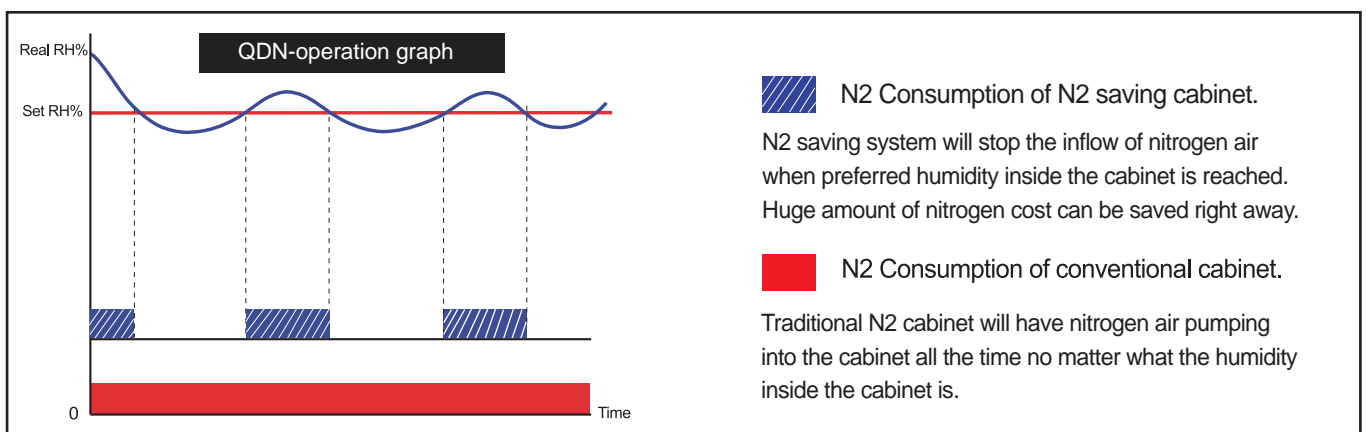

Multifunction Storage Bins (option):
Inside bin: retrieve small components quickly.
Outside bin: store ISO documents such as work sheets or quality instructions.
Benefit: avoid human errors, simplify QA management.

Calibration Reminding Function:
When the hygrometer runs over 365 days, the display will be flashed for reminding users.
Benefit: comply with ISO regulation, avoid inaccuracy of hygrometer.

Real RH%

QDN-operation graph

Set RH%

0

Time

N2 Consumption of N2 saving cabinet.

N2 saving system will stop the inflow of nitrogen air when preferred humidity inside the cabinet is reached. Huge amount of nitrogen cost can be saved right away.

N2 Consumption of conventional cabinet.

Traditional N2 cabinet will have nitrogen air pumping into the cabinet all the time no matter what the humidity inside the cabinet is.

Nitrogen Saving Cabinet

DS.QB-200.190812

Specifications:

· **Humidity Range**	: 1~50%RH, adjustable
· **Nitrogen filling module**	: QDN x 1
· **External Size**	: W600*D672*H636mm
· **Internal Size**	: W598*D644*H526mm
· **Capacity**	: 202L
· **Shelves**	: 2 pcs (I/N:3-20-0016-02), adjustable
· **Loading Capacity Of Shelf**	: 100 kgs/per shelf
· **Display Precision**	: ±3%RH;±1°C
· **Resolution**	: 0.1%RH; 0.1°C
· **Humidity Management Software**	: Humidity Manager for drawing the curve of RH and Temp.
· **RS-232 Port**	: Yes
· **Buzzer & Flash Alarm**	: Yes
· **Cabinet Color**	: Black
· **Cabinet Structure**	: 1mm carbon steel with antistatic paint.
· **Doors**	: 1 pc , antistatic glass windows, gray window frames, handles and airtight magnetic sealers.
· **Grounding Wire**	: 1.0MΩ.(Length 2.0M)
· **Static Dissipative Range**	: $10^3 \sim 10^9 \Omega$ (surface resistance)
· **Power Consumption**	: Ave. 20W/h; Max. 50W
· **Voltage**	: 110V/230V(select in advance)

· **N2 / Dry air is required.**
· **The best performance is achieved under the ambient condition below 25°C and 60%RH.**

Accessories (option):

Item	❶	❷	❸	❹
Item Name	Shelf c/w stoppers	Stainless Steel Shelf	GT05 Data Logger	Storage Bins
Description	Size:W555*D530*H20mm	Size: W555*D530*H20mm	Memory capacity 40,000 records.	Max Load Weight:5kg External Size:W395*D40*98mm Internal Size:W365*D30*90mm
Picture				

Item	❺	❻	❼
Item Name	External Flash Alarm Tower	Flow Meter	Indoor Induction Light
Description	When the Rh exceeds the preset humidity value, it will flash and buzz after 3 mins (100-120 dB).	Spec:1-25L/min Inlet dia. : Ø8mm	Sensitivity: 3M(distance)90° (angle) Time delay of the sensor: 20s/60s/90s/Constant.
Picture			