

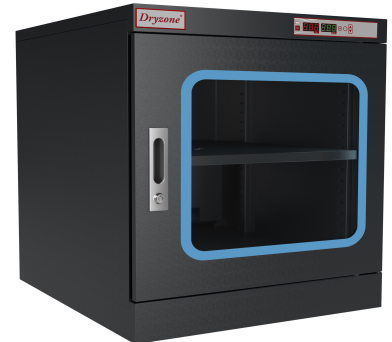
Model : CQB-200

1.Function:

This N₂ cabinet is designed to protect moisture-sensitive electronic components and valuable collections from moisture damage and oxidation with N₂. Humidity range is adjustable from 1~50%RH.

1.1 Display modes: Microcomputer decimal LED display imported from America and Honeywell sensors, whose display precision of temperature is $\pm 1^{\circ}\text{C}$; precision of humidity is $\pm 3\%\text{RH}$.

1.2 Cabinet structure: 1mm double powder coating steel, handles, airtight magnetic sealers and reinforced glass are adopted. The wheels are 360 degree rotating casters with breaks.



pic 1 |

2.Sepcifications:

3.1 Humidity Range: 1~50%RH (adjustable)

3.2 Internal Dimension: W598 * D644 * H526mm

3.3 External Dimenison: W600 * D672 * H636mm

3.4 Capacity: 202L

3.5 Shelves: 2 shelves

3.6 Color: black

3.7 Display Precision: $\pm 3\%\text{RH}$; $\pm 1^{\circ}\text{C}$

3.8 Structure: 1mm thick carbon steel with paint.

3.9 Door: Handles, airtight magnetic sealers and reinforced glass.



< Control Panel >

pic 2 |

3.QDN specifications:

QDN digital nitrogen controllers are used to control the filling of dry air into the cabinet. So the desired relative humidity in the nitrogen cabinet / nitrogen box can be reached with most efficient dry air utilization. For example, if 5%RH is the required condition, then dry air will stop filling when 5%RH is reached. The dry air can be nitrogen, CO₂ or inert gas. However, nitrogen is the most commonly used gaseous matters to be used for drying the air. Traditional nitrogen cabinet / nitrogen box make the N₂ flling into the cabinet continuously, unable to stop. However, with our newly NC-2 controller adapted, more than 50% of N₂ can be saved immediately.



< QDN >

pic 3 |

4.QDN features:

- computerized and digitized Humidity control, setting between 1 and 99 %RH
- Modular design (No exposed wiring)
- Anti-explosive device design
- Hidden flow meter adjustment for safety and better looking
- Soft pressure buffering design to avoid impact on the stored items
- Wide-angle air purging design to save energy consumption



< Nitrogen flow meter >

pic 4 |