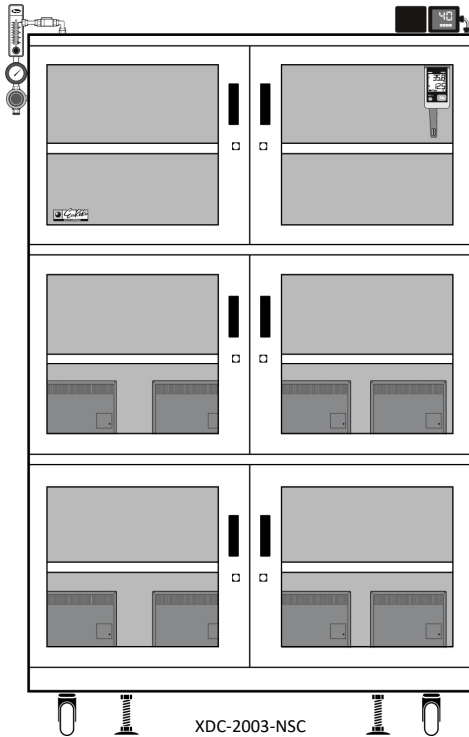


## Nitrogen Saving Cabinet

Super Low Humidity < 5%RH, FAST RECOVERY < 30min.



### Automatic Fast Super Drying System

- Automatic Drying Systems with specific calibration to control RH at <5%RH with Fast Recovery Time <30 min. without Dry Air / N<sub>2</sub> purge.
- NTP Operation unaffected by ΔT and pressure variation.
- Meet IPC/JEDEC J-STD-033 and IPC 1601 Standards.

### Nitrogen purge Set (Automatic control)

- Incl. Nitrogen controller, Valves (inlet/out), Flow Meter, Pressure Gauges, door sensors
- Automatic control fills nitrogen when inside humidity is over set value, shortens recovery time

### German TESTO Monitoring & Records

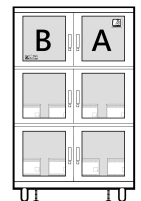
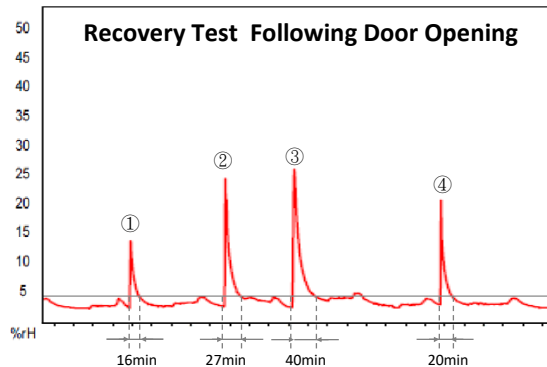
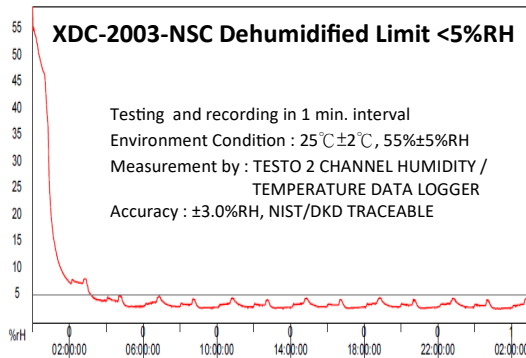


- Standalone TESTO digital thermo-hygrometer monitors exact RH inside cabinet independently.
- Temperature & humidity data logger, up to 1,000,000 records
- USB compatible

### Applications

Ultra-low humidity storage solution providing infinite storage for MSD. Improves yield rates of high-tech manufacturing process such as fabrication of LED/LCDs, semiconductors, and lithium batteries, etc....

### Performance Charts (example w/o N<sub>2</sub> purge)

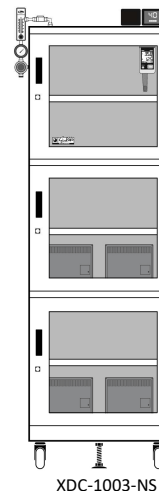


- ①... Door A open for 30 sec.
- ②... Door A open for 2 min.
- ③... Door A & B open for 2 min.
- ④... Door A & B open for 30 sec.

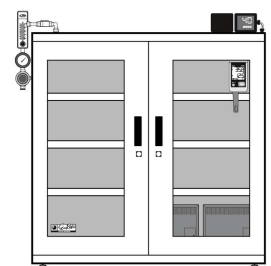
### Specifications

Model No.	XDC-503-NS	XDC-1003-NS	XDC-2003-NSC
RH Control Range:	≤ 5%RH		
Fast Recovery Time:	Down to ≤ 5%RH within 30 min. after open a door in 30 sec and close it. (Empty Cabinet Testing)		
Cabinets:	Anti-Static Painting, Anti-Static Glass, Anti-Static Stands / Casters, 1MΩ Ground wire		
Voltage:	110V or 220V		
Hygrometer & Data logger:	TESTO digital display & recorder of thermo-hygrometer.		
Nitrogen purge set:	Nitrogen controller (Automatic control mode), Valves, Flow meter, Pressure gauges		
External Dim.: WxHxD (cm)	88.0 X 93.0 X 58.4	60.0 X 195.0 X 74.0	120.0 X 195.0 X 71.4
Internal Dim.: WxHxD (cm)	83.0 X 79.0 X 48.0	56.0 X 174.0 X 61.0	110.0 X 174.0 X 61.0
Capacity: (Liter)	376	665	1329
Shelf Q'ty & Loading cap.:	3 pcs / 50 kgs	5 pcs / 100 kgs	5 pcs / 100 kgs

Note: The specification above is tested under 25°C, 60%RH environment.



XDC-1003-NS



XDC-503-NS