

# NITROGEN (N2) CABINET



It can be used for storage of ICs, BGAs, precision electronic components, special chemicals, semiconductor devices, optical electronic devices, printed circuit boards, optical films and lenses, precision instruments and meters.



## Features

- The humidity display range is 0%~99% RH, and the temperature display range is -9 °C~99 °C; LED Segment displays; Display accuracy: humidity  $\pm 3\%$  RH; temperature  $\pm 1$  °C;
- The cabinet and the shelves are made of 1.2mm high-quality steel plates; The door is inlaid with 3.2mm high-strength tempered glass; Magnetic sealing strip is used for sealing; Movable casters with brake are easy for movement and fixing;
- The surface treatment of anti-static type adopts electrostatic powder spraying, and the surface resistance value is  $10^6 \sim 10^8 \Omega$ ;
- The upgraded dehumidifying unit is more energy-saving.
- The shell of dehumidifying unit is made of high temperature flame retardant material.
- It has the functions of fault prompt, panel dormancy, power-off memory and calibration setting.
- The products passed CE, RoHS and C-Tick certificates.
- Adjustable flowmeter.
- Humidity 1 ~ 60% RH can be set; nitrogen evenly distributed through the micro holes; When nitrogen reaches the set value, the nitrogen solenoid valve will be automatically shut off.

## Options for customer's special demands:

1. Automatic nitrogen generator
2. Stainless steel cabinet;
3. Heating system up to 40°C;
4. Alarm system with indicator light; Buzzer alarm system;
5. Data logging system by USB connection with computer for data reading and printing;
6. The nitrogen will be shut off when opening the door;

# Technical Parameters

Model	SF-N1440D-4	SF-N1440DE-4
ESD Model	N (White)	Y (Black)
Humidity control range	1%~60%RH adjustable	
Average power	8W	
Material	Cold rolled steel plate	
Inner size	W1198 * D682 * H1723mm	
Outer size	W1200 * D710 * H1910mm	
Shelf quantity	5pcs	
Shelf load	120kg	
FCL load	720kg	
Power supply	110V/220V 50/60HZ	
N.W./G.W.	145kg/176kg	
Meas.	130*80*206cm/2.2CBM	



**Digital Display & Control Panel**



**N2 Flow Meter**



**Clapboard  
(100L, 160L, 255L)**



**Clapboard  
with Holes  
(320L, 435L, 540L,  
720L, 875L, 1440L)**



**Dehumidifying  
Unit**



**Universal Wheels**



## Products of the same category – N2 cabinet

Model	ESD Model	Volume	Inner size (W*D*H)mm	Outer size (W*D*H)mm
SF-N100D	SF-N100DE	100L	446*372*598	448*400*688
SF-N160D	SF-N160DE	160L	446*422*848	448*450*1010
SF-N255D	SF-N255DE	255L	596*372*1148	598*400*1310
SF-N320D	SF-N320DE	320L	898*422*848	900*450*1010
SF-N435D	SF-N435DE	435L	898*572*848	900*600*1010
SF-N540D	SF-N540DE	540L	596*682*1298	598*710*1465
SF-N720D	SF-N720DE	720L	596*682*1723	598*710*1910
SF-N875D	SF-N875DE	875L	898*572*1698	900*600*1890
SF-N1440D-4	SF-N1440DE-4	1440L	1198*682*1723	1200*710*1910
SF-N1440D-6	SF-N1440DE-6	1440L	1198*682*1723	1200*710*1910

## Related certificates

