

## Walk-in constant temperature and humidity chamber

### ○ Performance Index

- 1.Reference Standard: Refer to GB/T 10586-2016, JJF1101-2019 environmental test equipment temperature and humidity calibration specification for technical conditions of hot and humid test chamber
- 2.Temperature Range: 20 ~ 45°C, Temperature Fluctuation:  $\leq \pm 0.5^\circ\text{C}$ , Temperature Deviation:  $\leq \pm 1.0^\circ\text{C}$
- 3.Humidity Range: 40 ~ 80%RH, Humidity Deviation:  $\leq \pm 3.0\%RH$  (Customizable Humidity Range: 20 ~ 80%RH)
- 4.Test Points Optional: 25°C /60%RH、30°C /65%RH( Low humidity : 40°C /25%RH、25°C /40%RH);
5. Low Temperature Laboratory: The cool storage can be customized under 20°C and 2 ~ 8°C cold storage (Temperature Fluctuation  $\leq \pm 1.0^\circ\text{C}$ , Temperature Deviation  $\leq \pm 2.0^\circ\text{C}$ ).

### ○ Structural Specialty

- 1.Structure system: The newly airway system designed achieves uniform of temperature and humidity form different parts inside the chamber, The inner wall and duct plate are made of stainless steel 304, The bottom is covered with 304 stainless steel pattern anti-slide plate. Match With Observation window of hollow tempered glass、Illumination lamp、Heated Door;
- 2.Refrigerating System: Original imported refrigeration compressor unit with backup system;
- 3.Control System: Large screen programmable color touch screen controller above 7 inches, With multi - segment program and constant value function, With three-level user rights, Audit tracking function, mobile APP monitoring functions;
- 4.Three Level Authority: Adopt the user name and password to log in. Different user names have different permissions at least three levels or above;
- 5.Audit tracking function: Control system with historical alarm record and operation record function, the user can clearly grasp the running status of the device, and support to use U disk to unchangeable file format export for viewing and backup;
- 6.Humidity system: Imported capacitive humidity sensor, high precision, low drift, long life, maintenance-free
- 7.Data management : Configure needle type micro printer and electronic data storage function(Optional network server system, Integrated data management for all devices, Comply with the FDA 21 CFR Part II law standard);
- 8.Alarm system: Sound-light alarm for temperature and humidity deviation, SMS alarm for remote temperature and humidity deviation、low water stage、power failure;
- 9.Safety device: The door is equipped with key safety lock and anti-reverse lock function、Internal emergency ring function to ensure the safety of users, With a variety of safety protection measures and fault alarm;
- 10.Daily monitoring: Configure at least three daily temperature and humidity monitoring points, according to the verification of the lowest temperature, humidity, shelf point at the door;
- 11.Other configuration: FS series configure frequency conversion compressor unit,energy conservation more than 50%,Meet ICH and Pharmacopoeia 2015 edition,See technical proposal for details.



XCH-8000SD



Internal shelving

Name	Model	TEMP Range (°C)	HUM Range (RH)	Capacity (L)	INTR DIM(mm) W×D×H	EXT DIM(mm) W×D×H	Power (kW)	Remark
Walk-in constant temperature and humidity chamber	XCH-8000SD	20 ~ 45	40 ~ 80%	8000	1900×2200×2000	2100×3100×2300	5.0	Customizable Humidity: 20 ~ 80%RH
	XCH-15000SD	20 ~ 45	40 ~ 80%	15000	1900×4000×2000	2100×4900×2300	6.0	
	XCH-20000SD	20 ~ 45	40 ~ 80%	20000	2200×4100×2200	2400×4300×2400	6.5	
	XCH-40000SD	20 ~ 45	40 ~ 80%	40000	3600×5200×2200	3800×5400×2400	8.5	