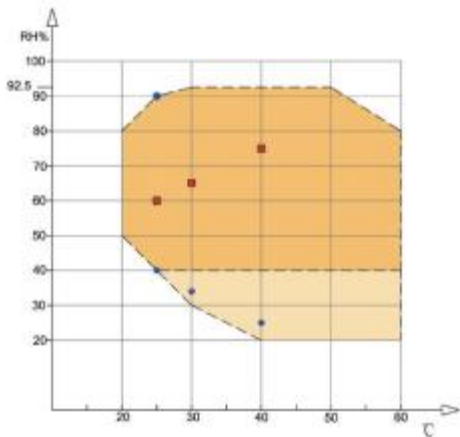# Stability Chamber(SD series:150L-500L)

## O Main Application

- Medicine Stability Testing Chamber apply to investigate the stability of drug substances and preparations, suitable for GMP and CGMP certified users.

## O Product Produce

- Temperature Control: Temperature Fluctuation ≤ ±0.5℃ ,Temperature Deviation ≤ ±1.0℃ ;
- Structure Design: Adopt the latest airduct system design achieves good uniform of temperature and humidiy form different parts inside the chamber;
- Chamber Material: The liner is made of mirror stainless steel 304, no pollution source, easy to clean;
- Refrigerating System: Two sets original imported fully enclosed industrial compressor, high efficiency, low noise, ensure the long-term continuous operation of equipment;
- Humidity System: Original imported capacitive humidity sensor, direct detection of humidity,maintenance-free;
- Control System: Color touch screen temperature and humidity controller,High control accuracy,With three levels permission,audit trail;
- Safety device: compressor overheat and overpressure overload protection, Fan overheat protection、water shortage protection;
- Dual Protection: Equipped with double insurance dry fire protection system, equipped with independent overtemperature protection system, can automatically cut off the power supply;
- Data Record: Equipped with data collection system conform to GMP requirements,Needle micro printer and USB output port as standard;
- Live Alarm: Temperature and humidity upper limit deviation alarm, independent overtemperature alarm;
- Meet a criterion : Meet ICHQ1A(R2)、Chinese Pharmacopoeia 2020 edition;
- Installed Power: AC220V±10% 50HZ;
- Environment temperature: +5~35℃ ;
- SMS alarm: Optional.



Temperature and humidity control range diagram



XCH-500SD-2

| Model | TEMP Range (℃) | HUM Range (RH) | Capacity (L) | INTR DIM(mm) W×D×H | EXT DIM(mm) W×D×H | Power (kW) | Shelf (Standard) | Remark |
|---|---|---|---|---|---|---|---|---|
| XCH-150SD | 10 ~ 65 | 20 ~ 95% | 150 | 600×405×630 | 780×830×1480 | 1.2 | 3 | Single compressor |
| XCH-250SD | 10 ~ 65 | 20 ~ 95% | 250 | 600×500×830 | 780×880×1650 | 1.5 | 3 | |
| XCH-400SD | 10 ~ 65 | 20 ~ 95% | 400 | 600×700×950 | 780×1060×1750 | 2.0 | 3 | |
| XCH-500SD | 10 ~ 65 | 20 ~ 95% | 500 | 680×680×1080 | 860×1050×1850 | 2.2 | 4 | |
| XCH-150SD-2 | 10 ~ 65 | 20 ~ 95% | 150 | 600×405×630 | 780×830×1480 | 1.2 | 3 | Double compressor |
| XCH-250SD-2 | 10 ~ 65 | 20 ~ 95% | 250 | 600×500×830 | 780×880×1650 | 1.5 | 3 | |
| XCH-400SD-2 | 10 ~ 65 | 20 ~ 95% | 400 | 600×700×950 | 780×1060×1750 | 2.0 | 3 | |
| XCH-500SD-2 | 10 ~ 65 | 20 ~ 95% | 500 | 680×680×1080 | 860×1050×1850 | 2.2 | 4 | |