

## Stability Chamber(CSD series: with visible light+UVA)

### ○ Main Application

- Medicine Stability Testing Chamber apply to investigate the stability of drug substances and preparations, Can control temperature, humidity, visible light, near ultraviolet, suitable for GMP and CGMP certified users.

### ○ Product Produce

- Temperature Control: Temperature Fluctuation <math>< \pm 0.5^{\circ}\text{C}</math>, Temperature Deviation <math>< \pm 1.0^{\circ}\text{C}</math>;
- Humidity Control: Humidity Fluctuation <math>\leq \pm 3\% \text{RH}</math>, Humidity Deviation <math>\leq \pm 3\% \text{RH}</math>;
- Structure Design: Adopt the latest air duct system design achieves good uniform of temperature and humidity form different parts inside the chamber;
- Insulation material: Integral polyurethane foam technology, with good heat preservation and moisture retention performance;
- Chamber Material: The liner is made of mirror stainless steel 304, no pollution source, easy to clean;
- Refrigeration System: Two sets imported brand fully enclosed compressor, long-life, low noise;
- 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 $\pm$ 10% 50HZ;
- Environment temperature: +5~35 $^{\circ}\text{C}$  ;
- SMS alarm: Optional.



Model	TEMP Range (°C)	HUM Range (RH)	Capacity (L)	INTR DIM(mm) W×D×H	EXT DIM(mm) W×D×H	Power (kW)	Shelf (Standard)	Remark
XCH-150CSD-2	15 ~ 65	20 ~ 95%	150	600×405×620	780×830×1480	1.2	3	Double compressor
XCH-250CSD-2	15 ~ 65	20 ~ 95%	250	600×500×830	780×880×1650	1.5	3	
XCH-400CSD-2	15 ~ 65	20 ~ 95%	400	600×700×950	780×1060×1750	2.0	3	
XCH-500CSD-2	15 ~ 65	20 ~ 95%	500	680×680×1080	860×1050×1850	2.2	4	
Remark	CSD series is comprehensive medicine stability testing chamber equip with temperature, humidity, visible light, near ultraviolet function, illuminance measurement standard with visible and near ultraviolet sensors, visible and near ultraviolet values are automatically printed and stored; Visible Range: 100 ~ 8000Lux, Automatic display, automatic setting, automatic adjustment, The total illumination of the light test shall not be less than $1.2 \times 10^4$ Lux·hr Near ultraviolet range: 0.84 ~ 5w/m <sup>2</sup> , Automatic display, automatic setting, automatic adjustment; Near ultraviolet energy shall not be less than 200w·hr/m <sup>2</sup>							