

## Comprehensive Stability Chamber (Triple case)

### ○ Main Specification

- Three case independent control, SD series three boxes are temperature and humidity chamber; CSD series, A chamber with temperature, visible light, near ultraviolet three functions, B/C chamber only control and record temperature and humidity

### ○ Product Produce

- Temperature Control: Temperature Fluctuation  $\leq \pm 0.5^{\circ}\text{C}$ , Temperature Deviation  $\leq \pm 1.0^{\circ}\text{C}$
- Humidity Control: Humidity Fluctuation  $\leq \pm 3\% \text{RH}$ , Humidity Deviation  $\leq \pm 3\% \text{RH}$
- Structure Design: Adopt the latest airduct 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.
- Refrigerating System: The imported fully enclosed industrial compressor, long-life, low noise.
- Humidity System: Original imported capacitive humidity sensor, direct detection of humidity, maintenance-free
- Control System: Three sets 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
- Live Alarm: Temperature and humidity upper limit deviation alarm, independent overtemperature alarm.
- Illumination System: Equipped with illumination sensor, direct illumination display, equipped with illumination storage and printing system
- CSD series: A with function of illumination, Illumination Range: 100 ~ 8000Lux, Near Ultraviolet Range 0.84 ~ 5w/m<sup>2</sup>, Illuminance deviation 4500±500Lux
- Data Record: Equipped with data collection system conform to GMP requirements, Three sets Needle micro printer and USB output port as standard.
- Meet a criterion : Meet ICHQ1A(R2), Q1B, Chinese Pharmacopoeia 2020 edition.
- Installed power: AC 220V±10% 50HZ
- Environment temperature: +5~35°C
- SMS alarm: Optional



XCH-430CSD

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-430SD	15 ~ 65	20 ~ 95%	100	480×420×500	1320×780×1930	3.5	1	A (TEMP+ HUM)
			100	480×420×500			2	B (TEMP+ HUM)
			230	480×420×1100			4	C (TEMP+ HUM)
XCH-830SD	15 ~ 65	20 ~ 95%	200	600×600×600	1520×1060×1970	4.0	1	A (TEMP+ HUM)
			200	600×600×600			2	B (TEMP+ HUM)
			430	600×600×1200			4	C (TEMP+ HUM)
XCH-430CSD	15 ~ 65	N/A	100	480×420×500	1320×780×1930	3.5	1	A (TEMP+ VIS + UV)
		20 ~ 95%	100	480×420×500			2	B (TEMP+ HUM)
		20 ~ 95%	230	480×420×1100			4	C (TEMP+ HUM)
XCH-830CSD	15 ~ 65	N/A	200	600×600×600	1520×960×1990	4.0	1	A (TEMP+ VIS + UV)
		20 ~ 95%	200	600×600×600			2	B (TEMP+ HUM)
		20 ~ 95%	430	600×600×1200			4	C (TEMP+ HUM)
Remark	CSD series A equipped with temperature, visible light and NUV light three functions, illumination measurement standard with visible and near ultraviolet sensors. Visible and near ultraviolet values are automatically printed and stored; Visible Range: 100 ~ 8000Lux, 4500±500Lux, The total illumination of the light test shall not be less than 1.2×10 <sup>6</sup> Lux·hr; Near ultraviolet range: 0.84 ~ 5w/ m <sup>2</sup> , Near ultraviolet energy shall not be less than 200w·hr/m <sup>2</sup> .							