Drug Stability Test Chamber

◎Characteristics:

- The chamber is SUS304 mirror-finish stainless steel with rounded corners for corrosion resistance, durability, and easy cleaning. Double-layer door: inner tempered glass for observation; outer door with magnetic rubber strips for sealing.
- A 7.0-inch color touch screen enables intuitive parameter setting and query, with scheduled start-up, data curve query, and USB export. Mobile APP remote control with audit trail is standard; electronic door lock is optional.
- Key components (sensors, compressor) are imported for reliability. Rear-mounted fan and unique duct ensure uniform temperature. Electric heating includes independent over-temperature protection.
- Built-in humidification features fine particles, low consumption, auto water supply, and shortage alarm. Circulating water supply prevents mold. Dual inverter compressor cooling offers low energy use; automatic backup and alarm on failure.
- Compliant with GMP, FDA, ICH, and Chinese Pharmacopoeia. Technical specs per GB/T 10586-2006.





Wi-Fi reception



Print port

◎Main Technical Parameters:

Model		TL-500SD	TL-800SD	TL-1000SD	TL-1500SD
Circulation Mode		Forced convection, rear microplate front air supply			
Performance	Operating Temperature Range	10~65°C			
	Temperature Resolution	0.1°C			
	Temperature Fluctuation	±0.5°C			
	Temperature Uniformity	±1.0°C			
	Humidity Control Range	15%~95%RH			
	Humidity Fluctuation	±3% RH			
Structure	Working Chamber	SUS304 mirror-finish stainless steel			
	Outer Shell	Cold-rolled steel plate with electrostatic spraying			
	Insulation Layer	Polyurethane			
	Heater	Stainless steel heating tube			
	Rated Power	2.3kw	3.0kw	3.2kw	4.0kw
	Compressor	Imported brand air-cooled inverter compressor			
	Refrigerant	R134A			
	Defrosting Structure	Automatic			
	Humidity Control Mode	Automatic			
Controller	Temperature Control Mode	24-segment program			
	Temperature Setting Mode	Touch screen setting			
	Temperature Display	7.0-inch true color touch screen			
	Operation Functions	Fixed value operation, timed operation, auto stop / scheduled start, program operation			
	Program Mode	Standard			
	Sensor	Pt100 temperature sensor, imported chip humidity sensor			
	Additional Functions	Scheduled start, historical temperature/humidity curve query, U-disk data storage/export, deviation correction, menu button lock, power-off compensation, power-off memory, loop self-diagnosis, intelligent defrosting			
Safety Device		Over-temperature automatically cuts off heating; long-term under-temperature cuts off cooling system to protect samples; loop self-diagnosis			
Dimensions	Inner Size (W*D*H mm)	600*600*1300	1340*500*1200	1400*510*1400	1500*710*1400
	Outer Size (W*D*H mm)	855*1050*2000	1595*950*1900	1655*960*2100	1755*1160*2100
	Packing Size (W*D*H mm)	975*1170*2200	1715*1070*2100	1772*1080*2300	1755*1280*2300
	Internal Volume	468L	800L	1000L	1500L
	Shelf Load Capacity	20kG			
	Shelf Layers	14 shelf	12 shelf	16 shelf	16 shelf
	Shelf Spacing	50mm			
	Power Supply (50/60Hz) Rated Current	AC220V/10.4A	AC220V/13.6A	AC220V/14.5A	AC220V/18.2A
	Net/Gross Weight (kg)	320/400	400/580	440/530	510/630
Accessories	Shelves	4pcs			
	Shelf Brackets	8pcs			
Optional Configurations		Extra shelves, USB communication interface & host computer software, electronic door lock			