

DW-LDS-N Medicine Stability Testing Chamber

For free long term operation, it is designed with laser technology and microprocessor controlling system, excellent insulation is used for preventing heat loss. Especially designed to perform shelf life and stability studies on drug substances and drug products and compatible for long term stability test for food and vaccines.

Reatures

- Dual refrigeration system.
- Imported compressor with self-developed compressor cooling system, extend service life spance.
- mported humidity sensor, ensuring high accuracy of humidity
- ♦ PID control for temperature and humidity, more accurate, easy menu operation interface.
- Over-temperature alarm system: automatically stop working when exceed the limit and send out audible and visual alarm.
- Large LCD screen to display more data at same time.
- Newest multi-segment programmable control technology for temperature and humidity, high precision. With multiple programs and multiple cycles, each cycle is divided into 30 segments, each segment contains 99 hours and 99 minutes of cycle steps, it can happily meet almost all the complicated experiment process.
- Equipped with JAKEL circulation fan ,unique designed air duct for good air circulation, ensuring good temperature uniformity inside.
- Equipped with built-in stainless steel water tank at the bottom of equipment to supply water by pump for the humidification tank.
- Equipped with spare temperature control which ensures the product work normally even the main temp.control failed(for heating).
- Equipped with printer which can record and print the operating parameters at any time.
- Mirror stainless steel chamber, adjustable shelf.
- The chamber is equipped with a power socket and UV lamp for sterilization.
- Double door design. Tempered glass inner door for clear observation. The outer door adopts magnetic seal design, good sealing performance.

Safety Device

- Over temperature protection
- Compressor over current protection
- Over compressing protection
- Water shortage protection
- Heater overheat protection
- Audible and visual alarm system





Specifications

Model	DW-LDS-175Y-N/LDS-175T-N DW-LDS-275Y-N / LDS-275T-N DW-LDS-375Y-N / LDS-375T-N DW-LDS-475Y-N / LDS-475T-N DW-LDS-800Y-N / LDS-800T-N DW-LDS-1075Y-N / LDS-1075T-N Temperature & Humidity	DW-LDS-175GY-N / LDS-175GT-N DW-LDS-275GY-N / LDS-275GT-N DW-LDS-375GY-N / LDS-375GT-N DW-LDS-475GY-N / LDS-475GT-N DW-LDS-800GY-N / LDS-800GT-N DW-LDS-1075GY-N/DW-LDS-1075GT-N Temperature & Humidity & Light	DW-LDS-175HY-N DW-LDS-275HY-N DW-LDS-375HY-N DW-LDS-475HY-N DW-LDS-800HY-N DW-LDS-1075HY-N Temperature & Light
Temperature Range	0~65°C	Without Illumination:4~50°C; With Illumination:10~50°C	
Temperature Fluctuation	±0.5		
Temperature Uniformity	±2 °C		
Humidity Range(RH)	30~95% None		None
Humidity Stability(RH)	$\pm 3\%$		
Temperature Resolution	0.1°C		
Illumination	None	0~6000 LX adjustable	
Illumination Difference		≤±500 LX	
Timing Range	1~99 hours/period		
Adjustment	Balance temperature and humidity adjusting Balance temperature adjust		
Cooling System	Imported compressor		
Controller	Y: Programmable (LCD display) T: Programmable (touch screen)	GY: Programmable (LCD display) GT: Programmable (touch screen)	HY:Programmable (LCD display)
Sensor	PT100 Capacitance sensor PT100		PT100
Ambient Temperature	RT+5~30°C		
Power Supply	AC 220V±10%,50HZ		
Power Rating(W)	1400/1950/2600/2800/3000/3200	1650/2200/2700/2900/3100/3300	1300/1750/2400/2600/2700/2800
Chamber Volume(L)	175,275,375,475,800,1075		
Chamber Size(WxDxH)mm	450x420x930; 580x510x935; 590x550x1160; 700x550x1250; 965x610x1370; 950x700x1600		
Shelf	3		
Printer	Yes		