

DW-LDS (Three Chambers) Constant Climate Chamber

Features

- ★ New fluorine-free design, high efficiency, low energy consumption, promote energy saving.
- ★ Programmable LCD controller, temperature, humidity control using the latest digital display multi-segment program control technology, high precision, no overshoot.
- ★ With multiple programs, multiple cycles of the program, each cycle is divided into 30 segments, each segment of 99 hours and 99 minutes of cyclic steps, almost all complex experimental processes can be met.
- ★ Continuous operation guarantee: two sets of imported hermetic compressors automatically switch to ensure that the equipment for a long-time continuous operation without failure.
- ★ Continuous operation without frost.
- ★ The use of imported humidity sensors, to avoid the traditional wet and dry bulb sensor wet belt frequent replacement of the trouble.
- ★ Independent control for each chamber.
- ★ When the door of the chamber is opened, the breeze circulation and heating will stop automatically, without the disadvantage of temperature overshoot.
- ★ Circulating fan speed size is automatically controlled, which can avoid the sample volatilization caused by too fast wind speed.
- ★ With password lock screen function to avoid mis operation by non-experimental personnel.
- ★ Independent temperature limit alarm system, can sound and light alarm to prompt the operator.
- ★ Temperature deviation alarm, compressor overheating, overload, overpressure protection and water shortage protection.
- ★ Equipped with auxiliary temperature controller to ensure that the product can still work normally (for heating) when the main temperature control is out of control.



- ★ The operation will be interrupted automatically when the limit temperature is exceeded, and the sound and light alarm will prompt the operator. To ensure the safe operation of the experiment without accidents.
- ★ Standard equipped with a micro printer, according to customer requirements at any time to record and print the current operating parameters of the equipment.
- ★ The cabinet and workshop are designed with rounded structure, made of high quality antibacterial stainless steel and smooth surface by rounded edge treatment. Easy to clean and maintain perfect cleanliness.
- ★ The working chamber is made of mirror stainless steel plate, and the shelves can be adjusted in height and assembled freely.
- ★ The working chamber is also equipped with a germicidal lamp, which makes it easy to sterilize the working chamber.
- ★ The surface of the outer case is plastic spraying treatment, the whole machine is beautiful and reasonable, easy to use and maintain.
- ★ The door of the incubator is a double door design, the inner door is tempered glass, which can directly observe the culture inside the working chamber, and the outer door adopts magnetic door seal, which has good sealing.
- ★ This product meets the following standard pharmacopoeia drug stability test guidelines related to the terms of manufacture.
- ★ Safety devices: inner box temperature protection, compressor over-current protection, compressor over-pressure protection, water shortage protection, heater overheating protection, sound and light alarm in case of failure.
- ★ With USB interface, can be connected to a printer or computer, can record the change of parameters.

Safety Devices

1. Over temperature protection
2. Compressor over current protection
3. Over compressing protection
4. Water shortage protection
5. Heater overheats protection
6. Audible and visual alarm system

Specifications

Model	DW-LDS-500GY-N-T	DW-LDS-800GY-N-T
Temperature Range	10~65°Cwith light / 0~65°Cwithout light	
Temperature Fluctuation	±0.5	
Temperature Uniformity	±2°C	
Temperature resolution	0.01°C	
Humidity Range (RH)	30~95%	
Humidity Stability (RH)	±3%RH	
Light Intensity (LX)	0~6000 (step control)	
Light Fluctuation (LX)	±500	
Timing Range	1~99 hours/period	
Operating Temperature	5~30°C	
Power Supply	AC 220V±10% ,50HZ	
Power Rating(W)	600W/Chamber	1100W/Chamber
Volume	125*2+250=500L	200*2+400=800L
Chamber Size(W×D×H)	50x50x50cm*2 / 50x50x100cm*1	60*55*60cm*2 / 60*55*120cm*1
Exterior Size (W×D×H)	140x87.5x183cm	160x925x203cm