

Vertical type LCD Batch Aging System

YY-307WAV-R

Operating Temperature Range	40deg.C to 70deg.C
Temperature Control Accuracy	±1.0deg.C (at 80deg.C)
Temperature Uniformity	±5.0deg.C (at 80deg.C)

Equipment Summary

This system is the vertical type LCD module aging chamber used for quality control and quality assurance processes. The system is composed of a control panel and thermostatic chambers with built-in LCD module driver circuits. To manage a variety of LCD modules, additional computerized control systems are available upon request as options.

Feature

- Front drawer type loading system for setting LCD modules, facilitating feeding, Discharging and inspection modules.
- The aging system is designed for saving space and maximizing workability.
- Equipped with complete safety devices, Earth leakage breaker, blower, heater burn out, Upper limit temperature alarm, external indicator lamp, heat sensor etc.



Specifications

Model	YY-307WAV-R
■ Performance	
Circulation method	Forced hot air circulation with heating control of the heater
Operating temperature range	40deg.C-80deg.C
Temperature control accuracy	± 1.0deg.C(at 80deg.C)
Temperature uniformity	± 5deg.C(at 80deg.C)
■ Configuration	
External material	Cold-rolled steel plate, Melamine resin backing finish
Internal material	Stainless steel plate
Heat insulating material	Glass wool
Heater	Stainless pipe heater
Fan	Aluminum sirocco fan with motor
■ Instruments	
Temperature controller	Electronic temperature programmable controller PID control, Digital setting and Digital indication
Timer	Digital setting system, Arbitrarily set with in the range from 0.1s to 9,9990H (Provided with auto start/ stop function)
Temperature sensor	K-type thermocouple, double-sensor(One sensor is provided for overheat protector)
■ Safety features	
Short circuit breaker	Protects the machine from leakage
Overheating protection	At overheat, the power supply for the heaters shall be cut off
Temperature upper limit alarm	Excessive temperature rise prevention circuit incorporated protected in temperature controller. When the temperature has reached the specified upper limit, the power supply for the heaters shall be cut off.
Protecting circuit for fan motor	When the motor is overloaded, the power supply for the heaters and that for the motor shall be cut off.
Error indication	When any of the error has occurred, the alarm buzzer shall sound and each warning shall be displayed on the operation panel.
■ Required Utility	
Electric power supply	AC200/208/220 V Single phase 50/60Hz

◆ HORIZONTAL TYPE AGING CHAMBER

Feature

- Able to aging many panels at one time by using a panel rack
- With special contact system, panel rack and chamber have smooth and quick connection and easy setting
- Able to check panels visually through the wide view door.



◆ SEE-THROUGH TYPE AGING CHAMBER

Feature

- Able to check panels over aging
- Easy to open and close with sliding door
- No need spaces of opening and closing doors
- Easy setting panels

