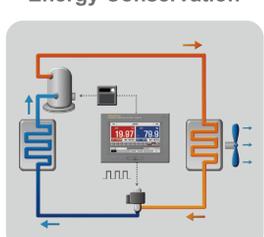


# Xeno Lamp Weathering Chamber



### Energy Conservation



### Remote network system



### Circuit System



**SANWOOD**  
environmental test chambers



## Xeno Lamp Weathering Chamber



### Application

- Xenon lamp aging
- Solar radiation test

### Functions

- Features
- GE CPU controller
- Water cut switch
- Light irradiance sensor
- Circulating cooling water pump

### special function

- Convenient water supply**  
The pull-out bucket at the lower end of the main body is removable, free to move and convenient to replenish water.
- Dry ball - wet ball sensor**  
A highly reliable control method of wet and dry balls is adopted to obtain precise test results and long-term experiments.
- Long arc water-cooled xenon lamp**  
The quartz tube imported by GE Company of America has high light efficiency and long life (more than 1000 hours).
- Light irradiance sensor**  
Japan Hamamatsu light sensor, with high sensitivity and high reliability from visible light to near infrared band.

### Control system



### SAMWON Form Korea

- With color touch screen 7 inch.
- With a 4G SD card for storing data.
- Communication port: RS232, RS485 and Ethernet.
- Minimum display resolution: temperature is 0.01C, humidity is 0.01%.
- Several language option : English, Korean, Russian, Chinese, and Japanese.

Based on smart phone monitoring APP of SIMS server S/W communication (Apple, SAMSONG) SIMS server (PC Program) and Network App which can be visited by most smart phones are based on product control module of smart phone (iphone)

### Remote network system

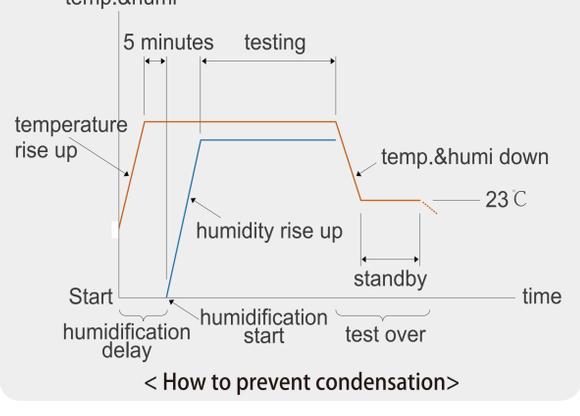


We use SAMWON-EZNET network remote technical, which is based on the web server, to achieve remote control. So it can momentarily monitor the chamber and sent e-mail to user's PC and mobile phone, enhanced convenience.

### Energy Conservation

### Guarantee the sample with no condensation

The chamber has a function to prevent the condensation when the temperature and humidity rise up or have some error, to prevent damage to the sample.



### Cut off overheating, overcurrent

By cutting off the overheating and over-current to protect the safety of the machine and the user.

### Controller

we used the controller TEMI 2500 form company Sanwontech, imported from South Korea.

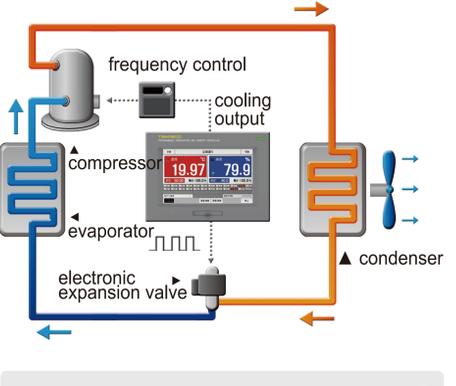
### Service port

Communication and operation, alarm, time signal are provided by relay contact.

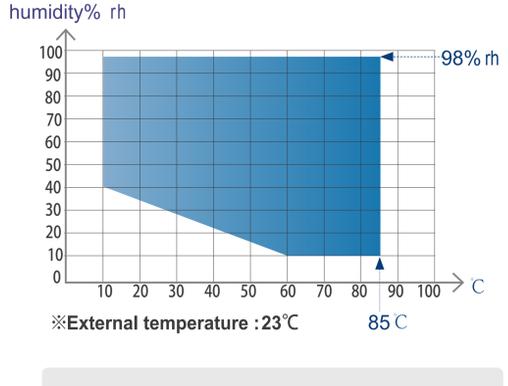
### Low power consumption

Install the power outlet on the side of the chamber for customer power test.

### Energy Conservation



### Temperature· Humidity Range Of Control



Through the controller output signal, control the frequency converter and electronic expansion valve, accurately adjust the refrigerant flow, in order to achieve energy saving effect, and the cooling system will more stable. (Frequency control is optional)

Can support the humidity from 20% to 98% in the temperature range of +10 to 85, to maximize the simulation of the atmospheric environment, can design a variety of tests.

### Circuit System



### U K International Standard

Our circuit system wiring according to international standard, the layout and color of wires are complied with the international standard, and all equipped with line number to facilitate maintenance.

