



**MRC LTD -HAGAVISH 3, HOLON 58393 ISRAEL**  
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|                             |                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air circulation             | Using the long axis of the fan motor, high and low temperature resistant stainless steel multi-wing impeller, the intensity of vertical convection diffusion cycle                                                                          |
| Thermal insulation material | High density Superfine glass fiber with 100mm thickness                                                                                                                                                                                     |
| Sealed gate                 | Silicone rubber bar of environmental protection                                                                                                                                                                                             |
| Heater device               | 1.Nickel alloy with high-speed infrared heating electric heaters(3KW*2)<br>2. Completely independent system of high temperature does not affect the low temperature tests, high temperature and humidity test.                              |
| Workroom dimensions (cm)    | 100*100*150 (D*W*H)                                                                                                                                                                                                                         |
| Exterior dimensions (cm)    | 120*120*200 (D*W*H)                                                                                                                                                                                                                         |
| Voltage                     | AC 3 phases 380V 50HZ                                                                                                                                                                                                                       |
| Control device              | Temperature and humidity display and control instruments used are all imported large screen images (5.7-inch LED LCD), Color touch screen operation, and program editing easy, no keyboard input.<br>Accuracy: 0.1 °C Resolution: ± 0.1 °C. |
| Safety protection system    | Perfect and complete safety system                                                                                                                                                                                                          |

## UV weather resistance test chamber



### Purpose

This series is applicable for the sunlight resistant test of nonmetallic materials and aging test of artificial light sources.



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### Chamber Structure

The inner bladder of the chamber is made of imported high-class stainless steel plate while the outer bladder is made of A3 steel plate sprayed with plastic.

The heating mode adopts inner bladder trough type heating with its rapid temperature rise and even temperature distribution.

### Control System

Adopts black aluminum plate to connect temperature sensor and adopts black board temperature meter to control heating so as to ensure more stable temperature.

The radiometer probe is fixed so as to avoid the frequent installation and disassembly.

The radiation quantity adopts the special UV irradiator with high-precision display and measurement.

The radiation intensity is not more than 50W/m<sup>2</sup>.

The illumination and condensation can be controlled independently or alternately and circularly.

### Standards Applied

GB/T14522-93 GB/T16422.3-1997 GB/T16585-96

### Specs & Technical Parameters

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Model                            | ECUV-P                                                                |
| Workroom Dimensions (cm)         | 45*117*50                                                             |
| Exterior Dimensions (cm)         | 58*128*135                                                            |
| Power                            | 4.0(KW)                                                               |
| Temperature Range                | RT+10℃~70℃                                                            |
| Humidity Range                   | ≥95% R.H                                                              |
| Lamp Spacing                     | 35mm                                                                  |
| Distance between Sample and Lamp | 50mm                                                                  |
| Quantity of Samples Supported    | 150mm (L) × 75mm (W), about 40 pcs                                    |
| UV Wavelength                    | 290nm~400nm UV-A, UV-B, UV-C (Subject to the specifications in order) |
| Lamp Power                       | 40W                                                                   |