

Product Name : Medical Plant Growth Chamber	Product Code : ASTRALAB-SUPPLYA10004
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Description :
Medical Plant Growth Chamber
Technical Specification :
The plant growth chamber is equipped with visible light and near-ultraviolet lamps, which can independently control the type of light source, and can print and record visible light and near-ultraviolet irradiance in real time; visible light and near-ultraviolet can be directly set, automatically adjusted, and precisely controlled.
Internal volume: 150L~800L

Temperature control range: 15?50?, temperature control fluctuation: $\pm 0.5^\circ$, temperature deviation: $\pm 2.0^\circ$ (same level);

Illumination range: Visible light range: 100?8000LUX; the total illuminance is not less than $1.2 \times 10^6 \text{ Lux} \cdot \text{hr}$;

Ultraviolet range: Near ultraviolet range: $0.84 \sim 5 \text{ W/m}^2$; near ultraviolet energy is not less than $200 \text{ W} \cdot \text{hr/m}^2$;

Ultraviolet wavelength: Near ultraviolet wavelength: 320?400nm;

Illumination control: The three parameters of temperature, visible light, and near ultraviolet are directly set and controlled on the controller;

Illumination printing: It can print three values of temperature, visible light and near ultraviolet at the same time;

Three kinds of controllers: original imported temperature controller, original imported visible light controller, original imported near ultraviolet controller;

Illuminance sensor: equipped with visible light sensor and near ultraviolet sensor;

Refrigeration compressor: Original imported fully enclosed compressor, long life, low noise;

Data printing: temperature value, visible light value and near ultraviolet value can be printed;

Data storage: It can store temperature values, visible light values, and near ultraviolet values for more than 1 year;

On-site alarm: On-site temperature deviation sound and light alarm, independent over-temperature alarm;

Box material: The inner tank is made of mirror stainless steel 304, and the outer shell is made of high-quality steel plate sprayed with plastic;

Dual protection: Configure an anti-over-temperature protection system; configure an independent over-temperature protection system, which can automatically cut off the power supply;

Safety devices: compressor overheat protection, compressor overpressure protection, compressor overload protection and fan overheat protection;

Remote alarm: Optional remote SMS alarm (with power failure alarm), multiple devices can share a mobile phone card

Installation power supply: AC $220\text{V} \pm 10\%$ 50HZ;

Working environment: $5 \sim 35^\circ\text{C}$ (best to be controlled within 30°C , and within 26°C under extreme conditions);

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