

Product Name :
Medical Plant Growth Chamber

Product Code :
ASTRALAB-SUPPLYA10004



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: $\pm 0.5?$, temperature deviation: $\pm 2.0?$ (same level);

Illumination range: Visible light range: 100?8000LUX; the total illuminance is not less than 1.2×10^6 Lux·hr;

Ultraviolet range: Near ultraviolet range: 0.84?5w/m²; near ultraviolet energy is not less than 200w•hr/m²;

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 220V \pm 10% 50HZ;

Working environment: ?5?35? (best to be controlled within 30?, and within 26? under extreme conditions);

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