❶ Internal volume: 150L.

❷ Temperature control range: 15～50℃, temperature fluctuation:±1℃, temperature deviation: ±2.0℃(same level);

❸ Light range: Visible light range: 100～8000LUX; total illumination not less than 1.2×106Lux-hr;

❹ UV range: near-ultraviolet range: 0.84～5w/m²; near-ultraviolet energy not less than 200w-hr/m²;

❺ UV wavelength: near-UV wavelength: 320～400nm;

❻ Illumination control: temperature, visible light, near-ultraviolet these three parameters in the controller directly set control;

❼ Illumination printing: can print the temperature, visible light, near-ultraviolet three values at the same time;

❽ Control system: large screen programmable color touch screen controller more than 7 inches, with three levels of user rights, audit trail function;

❾ Illumination sensor: with visible light sensor and near-ultraviolet sensor;

❿ Refrigeration compressor: imported hermetic compressor, long life and low noise;

⓫ Data printing: can print the temperature value, visible light value and near-ultraviolet value;

⓬ Data storage: can store more than 1 year temperature value, visible light value, near-ultraviolet value;

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

⓮ Chamber material: liner material for mirror stainless steel 304, shell material for high-quality steel spray;

⓯ Double protection: configure anti over-temperature protection system; configure independent over-temperature protection system, can automatically cut off the power supply;

⓰ Safety devices: compressor overheating protection, compressor over pressure protection, compressor overload protection and fan overheating protection.

⓱ Remote alarm: optional remote SMS alarm (with power failure alarm), multiple devices can share a cell phone card;

⓲ Installation power: AC 220V±10% 50Hz;

⓳ Working environment: 5 ~ 35 ℃ (it is recommended to be able to control within 30 ℃, the use of limit conditions to control within 26 ℃);

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Temperature Range**  **( ℃ )** | **Capacity**  **(L)** | **Interior Dimensions**  **W×D×H(mm)** | **External Dimensions**  **W×D×H(mm)** | **Power**  **( kW )** | **Remarks** |
| **Labonce-150TPS-1** | **15 ~  50** | **150** | **650×490×500** | **830×790×1250** | **1.2** | **1  layer of light,**  **Visible Light+UVA** |
| **Labonce-300TPS-2** | **15 ~  50** | **300** | **550×660×770** | **850×1030×1570** | **1.5** | **2 layers of light,**  **Visible Light+UVA** |
| **Labonce-500TPS-2** | **15 ~  50** | **500** | **660×680×1110** | **880×1080×1880** | **1.8** | **2 layers of light,**  **Visible Light+UVA** |
| **Labonce-500TPS-3** | **15 ~  50** | **500** | **660×680×1110** | **880×1080×1880** | **2.1** | **3 layers of light,**  **Visible Light+UVA** |
| **Labonce-1000TPS-3** | **15 ~  50** | **1000** | **1360×490×1360** | **1620×910×1990** | **2.5** | **3 layers of light,**  **Visible Light+UVA** |
| **Labonce-150LTPS-1** | **2 ~ 30** | **150** | **650×490×500** | **830×790×1250** | **1.5** | **1  layer of light,**  **Visible Light+UVA** |
| **Labonce-500LTPS-2** | **2 ~ 30** | **500** | **660×680×1110** | **880×1080×1880** | **2.1** | **2 layers of light,**  **Visible Light+UVA** |
| **Remarks** | **TPS:Visible Range：100 ~  8000Lux,Direct Setting，Illuminance deviation:4500±500Lux；UVA range：0.84 ~  5w/m2;**  **LTPS:Visible Range：100 ~  5000Lux,Direct Setting，Illuminance deviation:4500±500Lux；UVA range：0.84 ~ 1w/m2;**  **Illumination requirements：The total illumination is not less than 1.2×106  Lux •hr; UVA energy is not less than 200w •hr/ m2.** | | | | | |