

## Photo-stability Chamber(TPS Series)

labonce-TPS series photo-stability chamber is equipped with visible and near-ultraviolet light tubes, can independently control the type of light source, and can real-time printing and recording of visible light and near-UV radiation. visible light and near-ultraviolet can be set directly and adjusted automatically to precisely control both light sources.

- ◆ Equipped with D65 light source, near ultraviolet wavelength 320-400nm;
- ◆ Reference Standard: ICHQ1B. Chinese Pharmacopoeia 2020 edition;
- ◆ Light source design: The use of reasonable light source top design, the shelves of different positions of the sample to receive the light source irradiation of good uniformity;
- ◆ Insulation material: Overall high-density polyurethane foam technology, with good insulation and moisture retention performance;
- ◆ Chamber Materials: The exterior is coated with high quality steel plate, The liner is made of mirror stainless steel 304, no pollution source, easy to clean;
- ◆ Refrigeration system: Imported fully enclosed compressor, high efficiency, low noise, long service life;
- ◆ Control system: Programmable color touch screen controller, with three levels of user rights and audit trail function;
- ◆ Data management : Configure needle type micro printer and electronic data storage function , support to use U disk to export the data.
- ◆ Safety device: Compressor overheat and overpressure overload protection, independent overtemperature protection alarm system;
- ◆ Alarm system: On-site beeping alarm;
- ◆ Double Door Structure: Interior door tempered glass door , Open the outer door to observe the samples , The temperature inside the container will not change in a short time , The outer door is solid can keep temperature , It can also prevent the influence of external light;
- ◆ Other configurations: Test hole、Rubber plug、Mobile casters;
- ◆ Illumination open: Temperature Fluctuation < ±1.0°C, Temperature deviation of the same layer: < ±2.0°C ;
- ◆ Environment Temperature: +5 ~ 35°C ;
- ◆ Power: AC220V±10% 50HZ;
- ◆ **Optional:** Temperature-humidity deviation, sudden power failure , control by Remote SMS alarm.

Temp	25.0	Name	PV	SV	Output
Set	25.0	Output	26.2		
Run time	0 H 26 M				
2025/08/07	11:19:18				



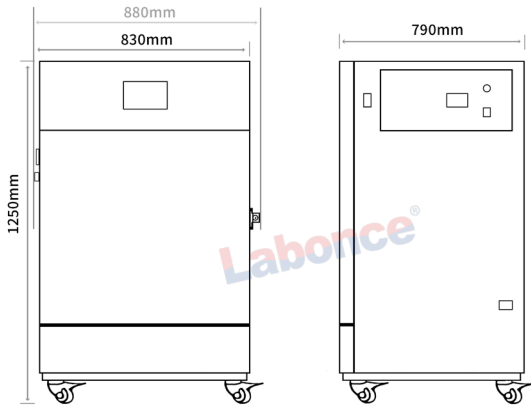
◆ 300TPS-2



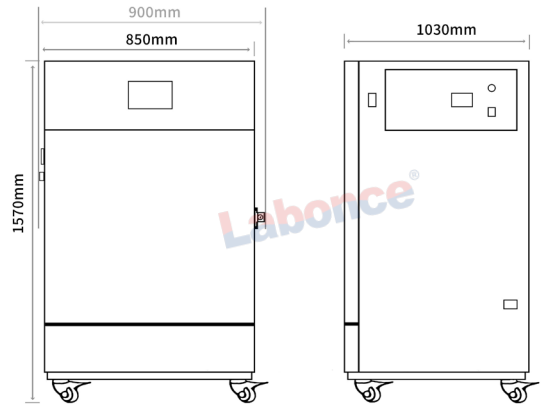
◆ 1000TPS-3

Model	Temperature Range (°C)	Capacity (L)	Interior Dimensions(mm) W×D×H	External Dimensions(mm) W×D×H	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/m <sup>2</sup> ; LTPS:Visible Range: 100 ~ 5000Lux,Direct Setting, Illuminance deviation:4500±500Lux; UVA range: 0.84 ~ 1w/m <sup>2</sup> ; Illumination requirements: The total illumination is not less than 1.2×10 <sup>6</sup> Lux•hr; UVA energy is not less than 200w•hr/ m <sup>2</sup> .					

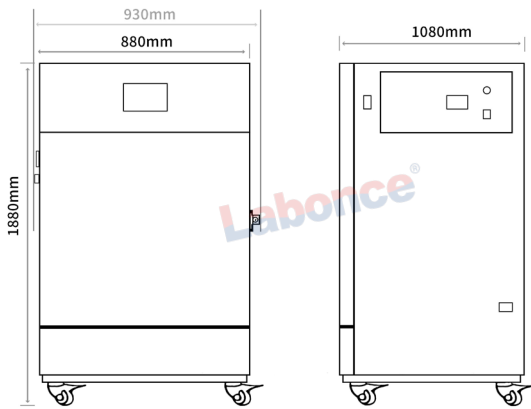
All indicators on this color page were measured at an ambient temperature of 20~25°C .



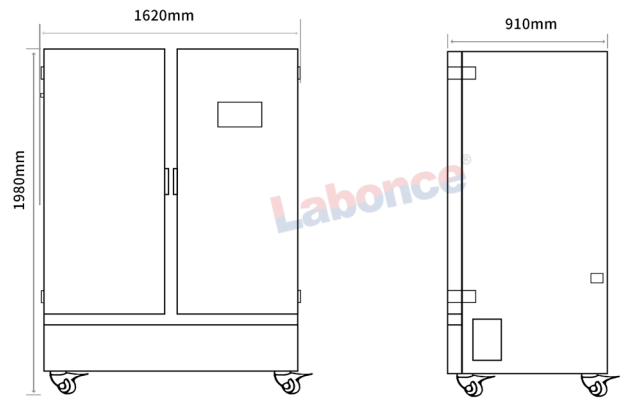
◆ 150TPS-1



◆ 300TPS-2



◆ 500TPS



◆ 1000TPS

