

Xenon Light Source HPX2000



2022 V1

For customized projects please Contact us:

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Most photochemical experiments need to simulate sunlight. SIMTRUM's xenon light source has a spectrum similar to sunlight, and the output wavelength range is 200~2200nm. The xenon lamp system of SIMTRUM is a high-power full-band light source with continuous wavelength distribution. Imported xenon lamp bulbs, leading module cooling technology, ensure concentrated and stable output of light energy, and high-efficiency coupling SMA905 interface output is convenient for the effective use of light in the test; a variety of optional accessories improve the convenience of the experiment. Multi-standard filters can be loaded, etc.

Application

SIMTRUM's xenon light source is widely used in spectral application analysis, photocatalysis, photolysis of water for hydrogen production, photochemical catalysis, photochemical synthesis, photodegradation of pollutants, water pollution treatment, biological illumination, optical detection, all kinds of simulated sunlight visible light acceleration experiments, ultraviolet Band acceleration experiments and other research fields.

Features

- High power output: High power light source dedicated to fluorescence.
- UV - Vis Range: Covers the 200-2200 spectrum.
- Modular heat dissipation method, prolong the service life of the bulb, at least 1000H.
- High-efficiency electro-optical conversion efficiency can output high-energy parallel light, and the optical power can reach up to 8 mW
- Simple optical structure, you can choose different wavelengths and bands to meet the diverse needs of use.
- Modular design greatly improves the safety and stability of the product.
- It can achieve high energy density and continuous irradiation for a long time.
- Rich optional accessories, and multi-purpose expansion.

Technical Specification

Dimensions 145mm x 165mm x 340mm

Weight 4,000 g

Bulb power 50 W

Wavelength range 200 nm-2200 nm

Output Optical Power 8.0 mW

Input voltage 220V AC

Lamp life minimum 1000 hours

Connector SMA905

