

Xenon Light Source

BRS-7001

Our 250 W Xenon Arc Lamp Sources are a good choice for users that need a broadband light source with specific spectral emissions in the ultraviolet (UV) or near-infrared (NIR) regions. Each kit includes an Xe lamp, lamp housing, xenon lamp power supply, and required cables and lamp sockets, supporting both fiber-coupled output and free-space light output. The power of the light source can be tuned and controlled via the power supply knob, with the power percentage displayed. The lamp housing is equipped with dual fans for rapid heat dissipation, and the removable side panel facilitates easy bulb replacement.



Features

- High power output with tunable light intensity
- Supports both fiber-coupled output and free-space light output
- Independent light source housing for easy bulb replacement
- Dual-fan system for rapid heat dissipation

Applications

- Photochemical experiments
- Optoelectronic device characterization testing
- Solar cell research
- Biological illumination and catalysis
- Light source for Absorption and fluorescence spectroscopy scanning

Specifications

Item		Index
Wavelength Range		250~2000nm
Lamp Power		250W
Radiated Optical Power (Space Light Output)		> 900mW
Radiant Optical Power (fiber-coupled output, Ø600 um, 0.22 NA)		Total Radiated Power>55mW UV Band>5mW Visible Light Band>25mW
Adjustable Power Range		>50%
Color Temperature		6000K
Optical Power Stability		<5%
Average Lifetime		800h
Working Voltage		200~240VAC
Dimensions	Power supply box	280 × 300 × 150mm
	Light source housing	170 × 170 × 296mm

Dimensions (mm)

