

Low-pressure Hg Light Source

BIM-6250

The low-pressure mercury lamp, as a traditional standard light source, is known for its reliable and stable operation. It emits line spectra at specific wavelengths, making it suitable for wavelength calibration in instruments such as monochromators and spectrophotometers. The "mercury triplet" of the mercury lamp can be used to check the resolution of monochromators or serve as a line-spectrum light source in other applications.



Features

- Flexible and adjustable lamp shade
- Easy bulb installation and replacement
- Stable light emission
- Distinctive characteristic wavelengths

Applications

- Wavelength calibration: For spectrophotometers, monochromators, and other spectral instruments.
- Optical testing light source: Suitable for interferometers, refractometers, and precision optical measurements.
- Optical resolution verification

What's included

#	Part Description	Model	Qty.
1	Low-pressure Hg Light Source	BIM-6250	1
2	Power cord	BC-105075	1

Specifications

Model	BIM-6250
Characteristic spectrum	404.7nm, 435.8nm, 546.1nm, 577.0nm, 579.0nm
Optical Coupling Mode	Free-space light output
Output Power	20W
Power Supply	220 VAC
Lamp Type	mercury lamp
Replacement Method	Designed for easy user replacement
Hg Lamp Lifetime	~200 hours
Light Source Housing Size	60x60x216mm
Base Size	Φ150mm
Power supply size	190x120x65mm

Dimensions (mm)

