Wavelength Calibration Hg Light Source

BIM-6212

The BIM-6212 is a wavelength calibration light source designed for the calibration purpose in UV, visible (VIS), and near-infrared (NIR) spectral regions (253–912 nm). The housing features an easily identifiable printed mercury (Hg) emission line spectrum for quick reference.
This light source is ideal for spectrometer wavelength calibration and optical resolution verification. It operates on a 12 VDC power supply and connects via an SMA905 fiber optic for light transmission.

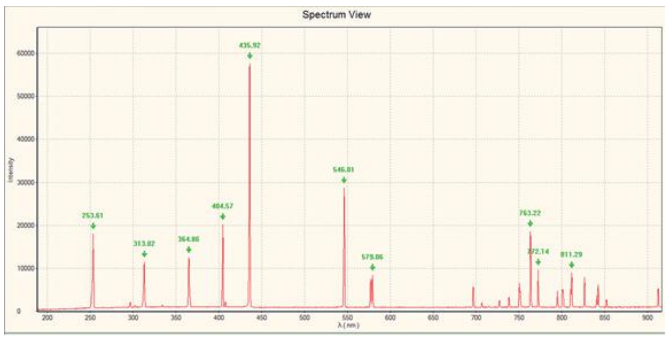
Features

- High-stability mercury (Hg) emission spectrum for precise wavelength calibration
- Sharp, well-defined spectral lines across UV-Vis-NIR ranges
- Long lifespan and low drift for reliable performance
- Compact design for easy integration into optical systems

Typical Applications

- Spectrometer and monochromator wavelength calibration
- Validation of optical instrument accuracy
- UV-Vis-NIR spectroscopy reference standards

Typical Spectrum



BIM-6212 Spectrum with BIM-6002A-01

What's included

#	Part Description	Model	Qty.
1	Wavelength Calibration Hg Light Source	BIM-6212	1
2	Power adapter，12VDC，1A	BC-105150	1

Specifications

Model	BIM-6212
Wavelength Range	253 nm-912 nm
Fiber Connector	SMA905
Power	3W
Power Supply	12V/1A
Lamp	Mercury lamp
Lamp Lifetime	2000 hours（typical value）
Size	91×37×120mm

Dimensions (mm)