

# LHM254 / LSH-HgNe-A / B

## Wavelength Calibration Lamps

Mercury and mercury-neon line sources for checking the wavelength scale of a spectrometer. Choose a calibration-lamp assembly to match the entrance slit and the emission lines required by the instrument.

Best suited to: Spectrometer wavelength calibration and verification with discrete reference emission lines.



### Configuration

Match the lamp spectrum and mechanical interface to the spectrometer. LSH-HgNe-A fits motorised slit arrangements; LSH-HgNe-B fits manual slit arrangements.

### Specifications

| Published parameters    |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| Mercury lines (nm)      | 253.65, 312.57, 313.15, 313.18, 365.02, 404.66, 435.84, 546.07, 576.96, 579.07 |
| LSW-Hg lamp power       | 3 W                                                                            |
| LSW-Hg current          | 10 mA                                                                          |
| LSW-Hg starting voltage | 1500 V                                                                         |
| LSH-HgNe-A interface    | Motorised slit                                                                 |
| LSH-HgNe-B interface    | Manual slit                                                                    |

### Measurement features

- Mercury emission lines cover UV and visible wavelength references.
- Mercury-neon assemblies extend the set of available reference lines.
- Source-specific lamp mounting for compatible spectrometer entrances.

### Configuration note

*These are wavelength-reference lamps. Calibrated spectral irradiance, radiant flux or traceable radiometric output is not claimed.*

Full configuration: [www.precisometer.com/spectroscopy/light-sources/calibration](http://www.precisometer.com/spectroscopy/light-sources/calibration)