

GLORIA-X150A / X450A

150 W & 450 W Xenon Arc Sources

Fan-cooled xenon lamp housings with a stable-current power supply and a collimated 46 mm output. The 150 W and 450 W formats support broadband excitation and illumination with application-specific filters and coupling.

Best suited to: Broadband UV, visible and near-infrared excitation on an optical bench.



Configuration

Choose source power and bulb spectrum before specifying filters and coupling. The 150 W source kit includes the housing and power supply; its xenon bulb is ordered separately.

Specifications

Published parameters	
Beam diameter	46 mm
Published output instability	≤0.5%
Cooling	Forced-air fan
Source format	Lamp housing with power supply

Xenon source formats

Coverage depends on the installed bulb and optical components. The standard 150 W bulb has a different UV cut-on from a UV-enhanced bulb.

Model	Lamp power	Spectral coverage	Optical-axis height
GLORIA-X150A	150 W	200–2500 nm with UV-enhanced bulb	137–173 mm
GLORIA-X450A	450 W	250–2500 nm	157–193 mm

Measurement features

- Vertical source-height adjustment for optical bench alignment.
- Fan cooling and dedicated current supply.
- 46 mm output interfaces with compatible source accessories.

Configuration note

Bulb, filters, fibre coupling and other accessories must be specified with the source. A lamp spectral range does not imply calibrated irradiance at the sample.

Full configuration: www.precisometer.com/spectroscopy/light-sources/xenon