

GLORIA-T150A / T250A

Tungsten-Halogen Light Sources

150 W and 250 W tungsten-halogen sources for visible and near-infrared illumination. Each kit combines a fan-cooled lamp housing, dedicated current supply and bulb with a 46 mm collimated output.

Best suited to: Continuous visible and near-infrared spectroscopy where a thermal lamp spectrum is suitable.



Configuration

Match lamp power, coupling and detector response. Define the required usable wavelength interval at the sample rather than relying on the emitter alone.

Specifications

Published parameters	
Beam diameter	46 mm
Optical-axis height	137–173 mm
Power supply voltage adjustment	0–25 V
Current stability	0.05%
Input	110 / 220 V AC $\pm 10\%$

Halogen source comparison

Source	Lamp rating	Lamp operating point	Supply current range
GLORIA-T150A	150 W	6.25 A / 24 V	0–6.5 A
GLORIA-T250A	250 W	10.4 A / 24 V	0–10.8 A

Measurement features

- Housing, power supply and bulb included in each source kit.
- Adjustable source height and fan cooling.
- Stable-current operation with source-specific filter and fibre options.

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