Tungsten Light Source Ⅱ

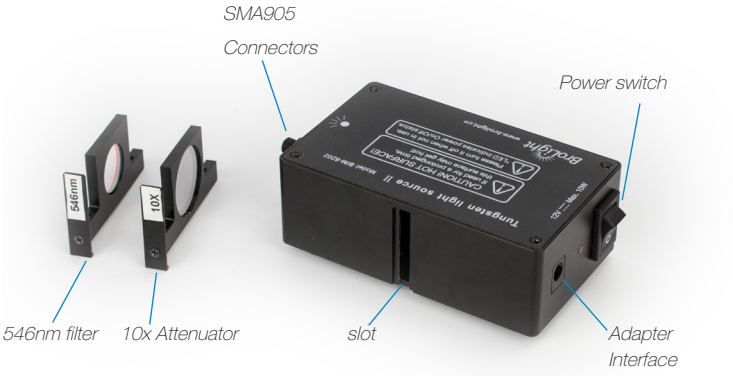

Fig1: BIM-6202 tungsten & filter and attenuator

Features

- By changing the wavelength filter, it change to a monochromatic light source with specific wavelength
- SMA905 fiber optic connector, Slot for wavelength filters and Attenuator

BIM-6202

Introduction

The BIM-6202 is a Multifunctional tungsten light source covers the wavelength range from 400 to 2000nm. it can be not only be used for reflectivity, but also for transmissivity measurement with optional attenuator BIM-7921. In addition, it also can be used for monochromatic light source with wavelength specific filters like 436nm, 546nm & 577nm. Other wavelength filter can be made to order.

Applications

- Reference light used for emission, absorption and reflection spectrumR
- Monochromatic light source

Specifications

Lamp type	halogen tungsten lamp
	0.2 Kg
Dimensions	100 mm × 60 mm × 34.5 mm
Weight	0.2 Kg
Optimal wavelength range	400 nm-2000 nm
Fiber optic connector	SMA905
Maximum power consumption	10W
Maximum power requirements	12V DC
Tungsten lamp typical life	2000 hours

Order Information

No	Material list	Model #	Amount
1	Tungsten light source Ⅱ output with focus lens 400-2000nm，10w	BIM-6202	1
2	* 10db attenuator	BIM-7921	1
3	**filter 436nm，bandwidth 30nm，transmissivity 65%	BIM-6309	1
4	**filter 546nm，bandwidth 30nm，transmissivity 65%	BIM-6310	1
5	**filter 577nm，bandwidth 30nm，transmissivity y 65%	BIM-6311	1

Remark：1. * other attenuation is available. Pls consult factory.
2. **other wavelength is available. Pls consult factory.

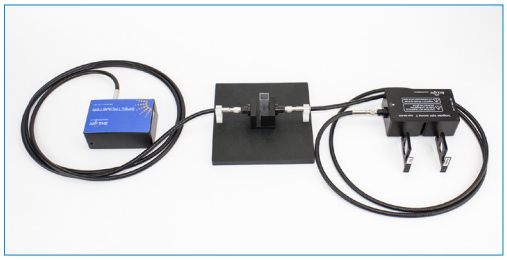

Fig2: Transmissivity measurement of BIM-6202 tungsten

Fig3: Reflectivity measurement of BIM-6202 tungsten

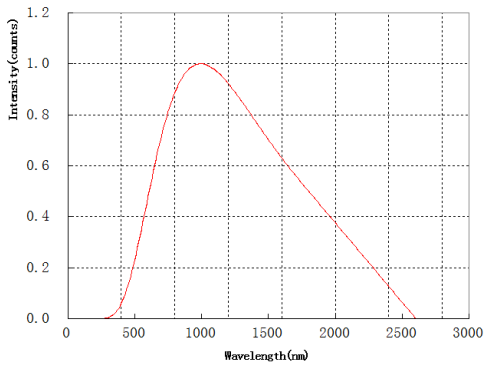

Fig 4: Typical spectrum of tungsten wavelength vs intensity curve