Deuterium Halogen Light Source

BIM-6203



Specifications

Spectral Range: 230-2500nm Deuterium Lamp: 25W Tungsten Lamp Power: 20W Lamp Life: 1000h

Current Stability: <5×10-6p-p Current Drift: <0.01% / h

TTL. Shutter Preheat Time: 30m

LIGHT **SOURCE**

Replaceable bulbs. Each lamp can be on/off. Tungsten lamp

with adjustable power.

The stable light source with UV-NIR spectral output is composed of a deuterium lamp and a tungsten lamp. A new filter technology makes the spectral curve smooth and continuous. It is commonly used in the measurement of absorbance, concentration, and transmittance.

Compact Deuterium Halogen Light Source

The compact UV-VIS light source is suitable for integrating and handheld measurement with low power light source. It can provide continuous and stable output with a reasonable price.

BIM-6213



Specifications

Optimal spectral range: 200 nm-1100 nm

TTL, Shutter

Fiber Connector: SMA905

Power: 6W

Each lamp can be on/off

Deuterium Lamp: 200nm-400nm, life>1000h Tungsten Lamp: 400nm-1100nm, life>2000h

Bulb Replaceable Tungsten Light Source



BIM-6208 provides an economical solution for applications requiring VIS-NIR continuous spectrum with stable output and low ultraviolet radiation. Users can select different tungsten lamps with power from 20 to 100W for various requirements of measurement and analysis.

Specifications

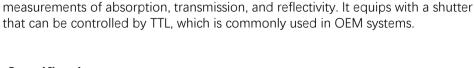
Optimum range: 450nm-900nm Full range: 300nm-2400nm Stability: <3% (450nm-900nm)

Output port: size is Φ14mm with detachable SMA905 fiber optic connector Preheat time: 30min

BIM-6214 is an intensity adjustable tungsten lamp light source with a fan cooler. It provides a stable and adjustable VIS-NIR spectral output, which is suitable for the

Adjustable Light Source with Fan Cooler

BIM-6214



Specifications

Full range: 400 nm-2500 nm Lamp power: 0-20W adjustable

Lamp life: 2000 h (typical)

Cooler: Fan

BROLIGHT TECHNOLOGY

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LIGHT SOURCE

Uniform Light Source with Integrating Sphere

SIM-6211

Illuminance: adjustable, max value >20000lux Color temperature: 2850-6500 k (customizable) Spectral range: UV, VIS, IR (customizable) Output port: Φ1-1000mm (customizable) Material of inner coating: PTFE

Brightness, spectral range and optical power can

be customized

Specifications

Uniformity: >98.5%

Illumination: max value >20000 lux, adjustable

Spectral range: 250-2500nm Stability: >99% (2 hours)

Integrating sphere diameter: 300mm

(customizable)

Output port size: $\Phi 80$ mm (customizable) Lamp: 6 bromine tungsten lamps, each can be

independently controlled Color temperature: 2800K

Lamp life: 2000h Lamp power: 12V/10W

Power supply: 0-80V @ 0-20A @ 400W



Flash Xenon Light Source

SIM-6205

SIM-6205 is a new type of light source that integrates a xenon lamp, a trigger, and a highvoltage power supply. It is widely used in spectral applications. especially for OEM systems, since its no-preheating and low heat.



High power is beneficial to improve the signal-to-noise ratio Wide spectral range of 185-2000nm, covering UV, VIS, NIR Long life, more than 100 million flashes Good stability, CV value of 1000 flashes ≤ 2% Small size, low heat No-preheat, work immediately Plug and play DB-9 connector

Power	2W	5W
Pluse Energy	8.8mJ - 13.8mJ optional	22.4mJ - 35.0mJ optional
Arc Length	3.0 ± 0.3 mm	3.0 ± 0.3 mm
Spectral Range	185 - 2000 nm	185 - 2000 nm
Stability	2us	5.9us
NEP	Max 1.5% CV ; Max4.2% PV -1000 pluse	
Life	> 100 million flashes	> 100 million flashes
Trigger Voltage	5V square wave pulse; high level pulse width ≥10 μS	
Window	DM308 glass, UV available	
Input Power	DC -Min 11.0 - Max 28.0 V	
Input Current	11 V: Max 1.4 A	
Demision	100 x 45 x 36mm	
Interface	SMA905, FC etc., optional	

LED Module

BIM-6215



CWL	Max Current (mA)	Power (W)
255	100	0.6
275	30	0.2
310	40	0.3
365	700	3
380	700	3
400	700	3
415	700	3
430	700	3
Demision: Φ43×46mm		

BIM-6215 can work with an optional current source, which performances with an intensity adjustable stable output. It provide optional CWL of 255nm / 275nm / 310nm / 365nm / 380nm / 400nm / 415nm / 430nm with various optional accessories, including 4-channel cuvette holder. and a diffuse reflection fiber holder. It is common used for fluorescence measurement systems as an light source.

Good performance with stable output (it will not drift and float for a long time) Long life: 100,000 hours Cold light with small heat small and portable

optional CWL of 255nm / 275nm / 310nm / 365nm / 380nm / 400nm / 415nm / 430nm

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