

## Tungsten Halogen Lamp 360-2500nm

### ATG1002

#### Features

- Small volume
- 5W, 20W optional
- Ultra-stable interface: Industrial grade PCB terminal 5.08-2P
- Ultra-long life: >2000 hours
- High stability, drift less than 5% per hour
- Broad spectrum, 360-2500nm
- The luminous position is accurate, the position is  $\pm 0.127$
- Light intensity adjustable

#### Application

- Visible and infrared spectroscopic analysis
- Fluorescence analysis
- Medical immunoassay
- Air Pollution Analysis
- Water Pollution Analysis
- Microscope lighting
- Automated industry

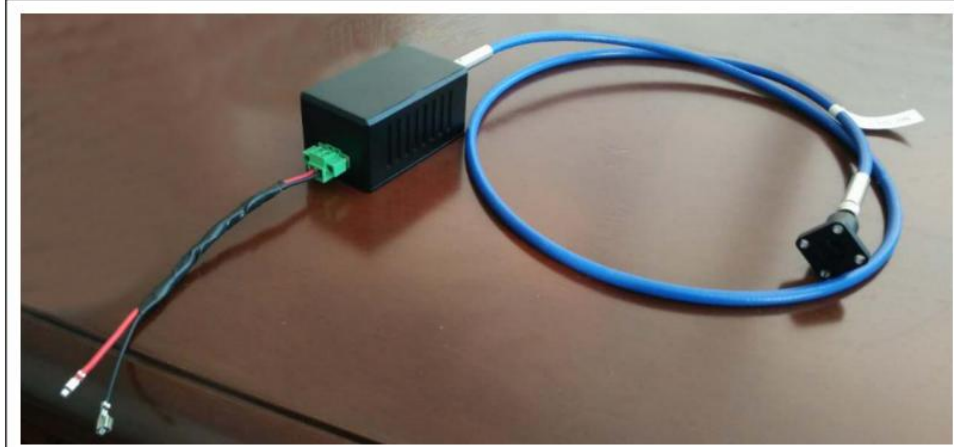
#### Description

The ATG1002 Tungsten Halogen Light Source is a versatile light source best suited for VIS-NIR (360 nm-2500 nm). The light source features adjustable SMA905 connectors for maximum fiber connection.

The light source adopts a spectral grade special halogen bulb with better filament packaging, which ensures the life of each halogen bulb and effectively reduces the frequency of bulb replacement

The halogen light source adopts high-performance light bulbs originally imported from Osram in Germany. It has the characteristics of high luminous efficiency, small size, easy control, good color temperature and color rendering, long life, low light decay, and high output power. It can be widely used in Traditional desktop spectrometers and on-site portable miniature spectrometers.

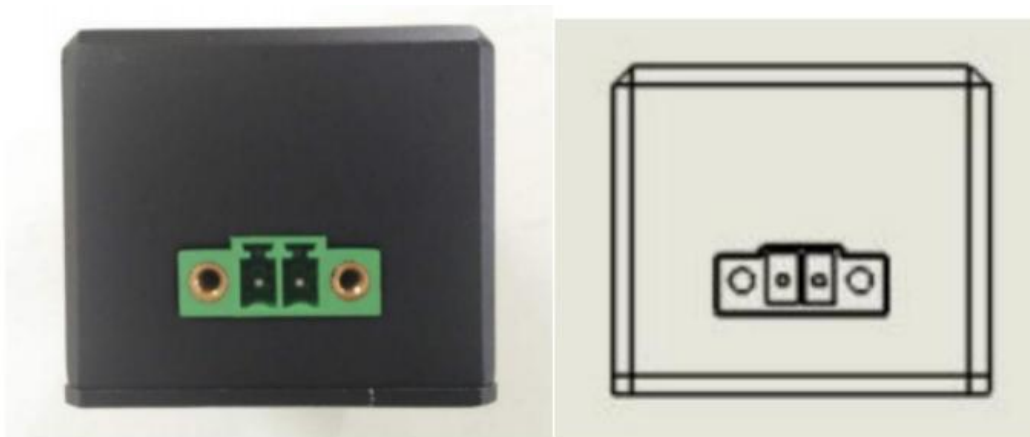
The ATG1002 halogen light source can be equipped with a cuvette holder, which can directly perform the transmission and absorption of the cuvette or filter.



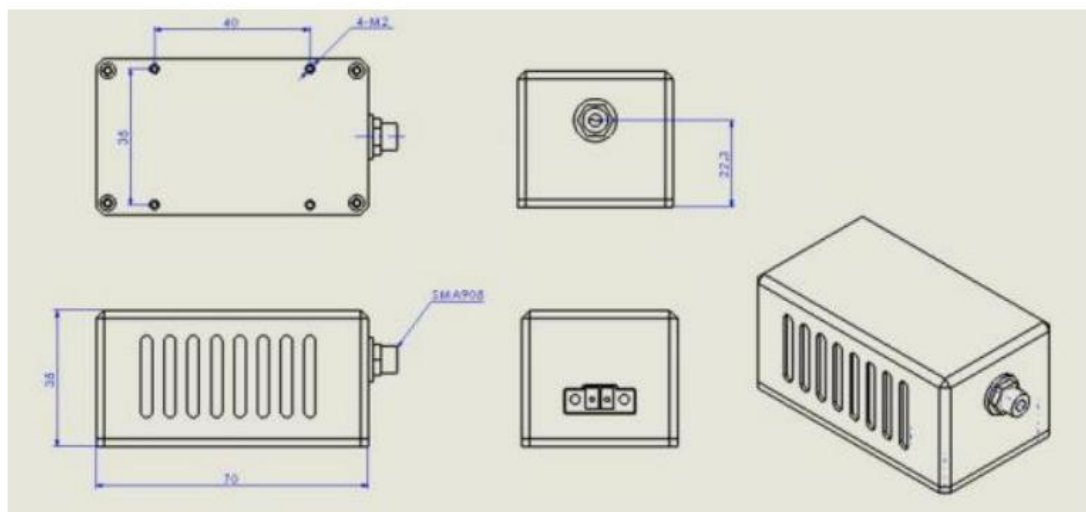
## 1. Performance

Engineering specification	ATG1002
Power requirements	12V/500mA
Lamp bubble power	5W or 20W
Light source life	3000 small hour
Lamp Illuminance	55lm
Light color temperature	3000k
Light output drift	< 5% per hour
CatchPort model	Work Industrial grade PCB terminals, 5.08-2P
Working temperature	-20-45°C

## 2. Power interface



## 3. Size



## 4. Order guide

Model	Special sign
ATG1002	5W
ATG1002-20	20W