

4-Channel Fluorescence Light Source**ATG2400****Features**

- Multiple wavelength options: 365, 460, 550, 625nm four wavelengths optional
- Independent control
- High flexibility
- Energy saving and environmental protection
- Easy to integrate to lab equipment

Application

- Chemistry: fluorescence spectroscopy, molecular recognition;
- Biological science: cell imaging, fluorescent labeling;
- Biopharmaceuticals: Toxycology, screening;
- Medical testing: tumor labeling, cell tracking;
- Environmental monitoring: water quality, soil, air quality, etc;
- Scientific research: fluorescence microscope, fluorescence analyzer.

Description

ATG2400 is a multi-wavelength fluorescence light source system with the ability to independently control four light paths. Each light path can be opened and closed independently, and the intensity is adjustable to meet the user's needs for free switching of different wavelength light sources in experiments.

ATG2400 uses high-efficiency LED as the light source. Compared with traditional light sources, it has lower energy consumption and high luminous efficiency, which meets the requirements of energy saving and environmental protection. The light source life is up to 80,000 hours, which reduces the frequency of light source replacement and maintenance costs, saving time and money for users.

ATG2400 adopts self-designed high-reliability constant current drive current and optical path design to ensure the stability and reliability of the light source; the product design is compact and easy to integrate into various experimental equipment and systems, such as fluorescence microscopes, fluorescence analyzers, etc.

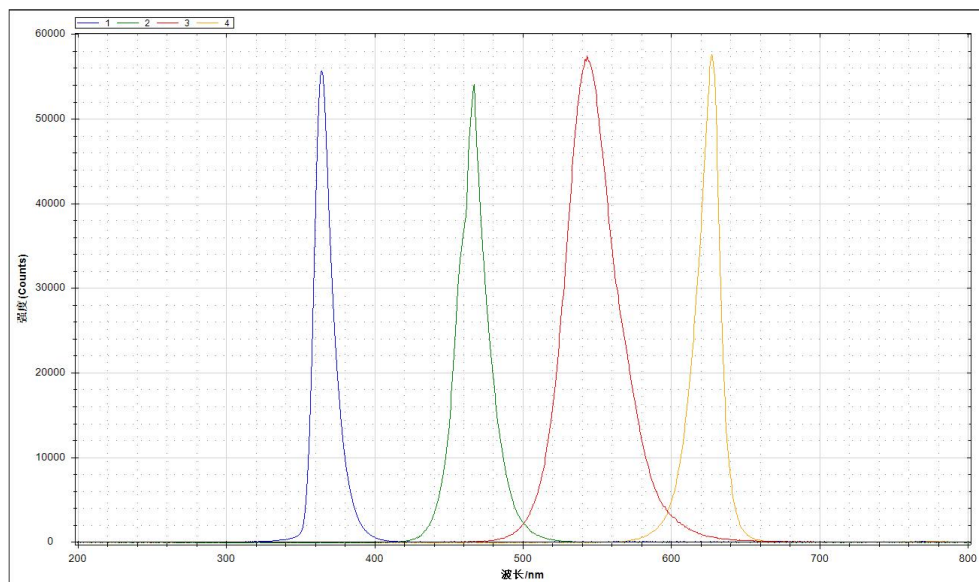
ATG2400 is also widely used in analytical chemistry, biological sciences, biopharmaceuticals, medical testing, environmental monitoring and scientific research, etc., to meet various experimental and application needs. Whether in fluorescence spectral analysis, molecular recognition, or cell imaging, fluorescence labeling, etc., it can provide a stable and reliable fluorescence light source.



1. Parameter

ATG2400 Technical Specifications	
Wavelength	365nm,460nm,550nm,625nm
Led Lifespan	50,000~80,000 hours
Lighting Angle	7°
Led Power	3W
Optical Output	Free optical path
Warm-Up Time	No need to preheat, ready to use
Control Method	4-channel optical path independent control, adjustable intensity
Dimensions	132mm x 97 mm x 103 mm
Weight	1.05 kg (Power cord not included)
Voltage Input	5V
Working Temperature	-10 °C ~40 °C
Humidity	5%-95%(No condensation)

2. Light source spectrum



Optosky ATG2400 365nm/460nm/550nm/625nm spectrum