

## VIS-NIR Handheld Light Source

## ATG1600

### Features

- Constant current drive with high stability
- Drift less than 5% per hour
- Long lifespan of up to 5000 hours
- 20W high power
- Built-in reflectance probe
- Wide spectrum, 360-2500nm
- Comes with a handle

### Application

- Infrared Spectrophotometer
- Reflectance Analysis
- Medical immunoassay analysis
- Air pollution analysis
- Water pollution analysis
- Automated industry

### Description

The ATG1600 halogen light source is a versatile light source ideal for VIS-NIR (360 nm-2500 nm). It features a built-in 20W high-power halogen lamp and utilizes the latest international constant current drive technology to achieve high-stability power output.

The ATG1600 provides output through either fiber optics or free space, with the fiber optic interface being SMA905. The light source uses an original imported spectrum-grade halogen bulb from Osram, Germany, known for its high luminous efficiency, compact size, ease of control, excellent color temperature and color rendering, long lifespan, low light decay, and high output power. It is widely applicable in traditional desktop spectroscopic instruments and portable field micro-spectroscopic instruments.

Models	Features
ATG1600	Standard model
ATG1600BT	Built-in lithium battery
ATG1600Pro	Built-in integrating sphere and lithium battery



## 1. Parameter

Engineering Specifications	ATG1600
Power Requirements	12V/3000mA
Bulb Power	20W
Light Source Lifespan	5000 hours
Bulb Illumination	180 lm
Color Temperature	3000k
Light Output Drift	< 5‰ per hour
Working Temperature	-20~45 °C

## 2. Photo of the Actual Product





### 3. Ordering Guide

Models	Features
ATG1600	Standard model
ATG1600BT	Built-in lithium battery
ATG1600Pro	Built-in integrating sphere and lithium battery

### 4. Packing List

No.	Item	Quantity
1	Visible NIR handheld light source for reflectance	1
2	Universal power cord	1