

Deuterium+Halogen Light Source (180-2500 nm)

ATG1020H

Features

- All range output: 180-2500 nm
- Including DUV, Visible, infrared;
- Excellent performance, P-P stability <0.005%.
- Fiber output or free space
- Long life:
 - Deuterium: 3000 hours;
 - Halogen: 5000 hours;
- Fibers: Promote anti-UV fiber from Optosky

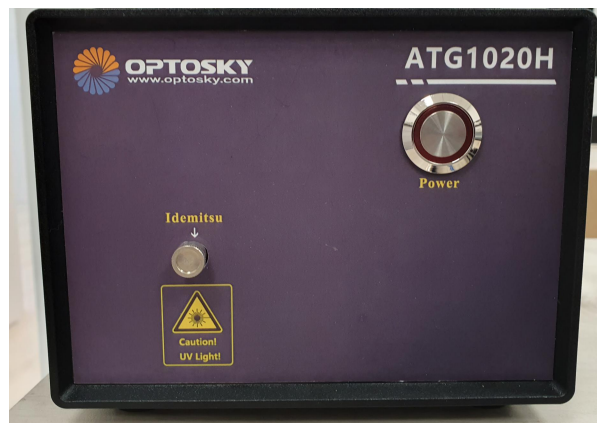
C

-

Description

ATG1020H light source offers stable, continuous output from 180-2500 nm. Using a combination of deuterium and halogen lamps, ATG1020H is ideal for measuring a sample that has multiple features in different spectral regions or for analyzing a variety of different samples in your lab. All models of the ATG1020H family include easy-to-replace bulbs, keeping your measurements going with fast lamp changes. ATG1020H comes with a filter holder for filters up to 25 mm square or 25 mm round in diameter and 4 mm in thickness, plus a shutter controlled via TTL signal or switch up to 5 Hz.

ATG1020H is compatible with cuvette holder to measure absorption and transmission rate.



1 Parameters

ATG1020	
Size(H):	80 mm x 175 mm x 140 mm
Weight:	3 kg
Wave range:	180-2500 nm
P-P stability	<0.005% at 250 nm
Drift	+/-0.5% per hour at 250 nm
	40 minutes
Power of Deuterium	30 W
life	3000 hours
Power of Halogen	5 W
life	5000 hours
Warm-up time	15 minutes
Work temperature	-10 °C - 40 °C
Humidity	5-95%
Output	SMA905fiber or free space
Voltage and power	85-264 V, 50/60 Hz; 60 W

2. Other Accessories

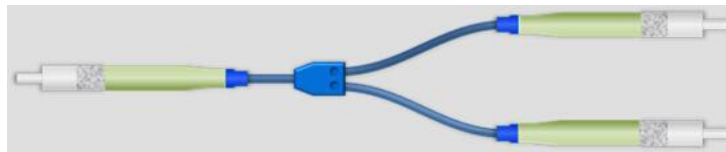
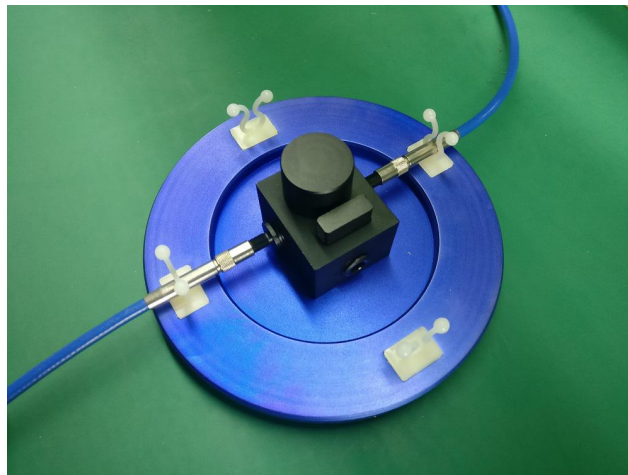
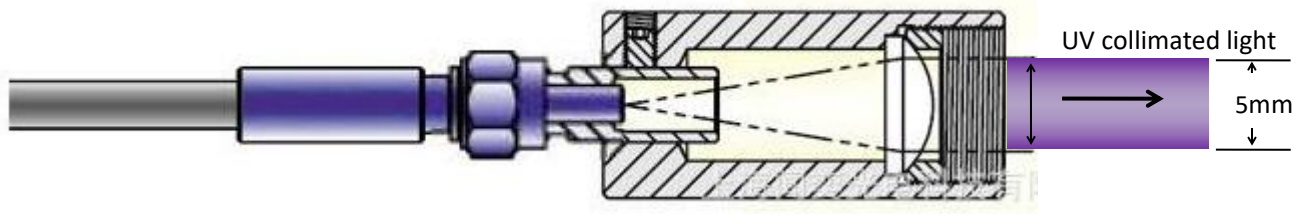


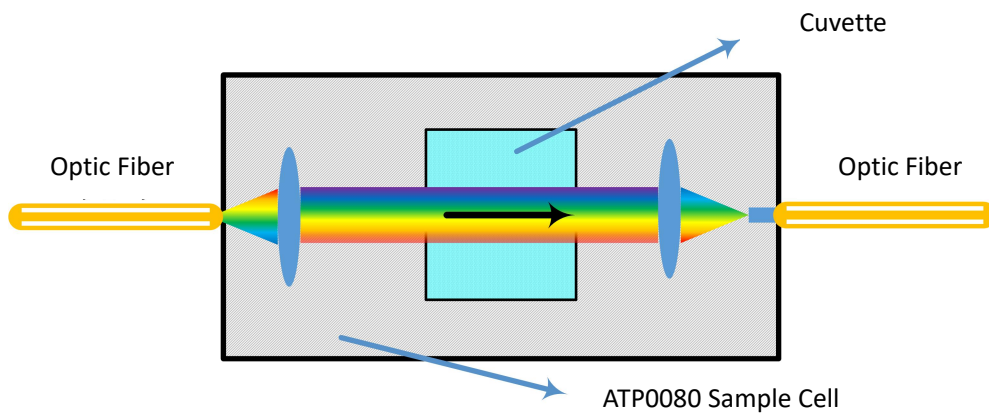
Fig. 1 Customized 1.5 m long 2-to-1 resist UV solarization, high transmission optic fiber

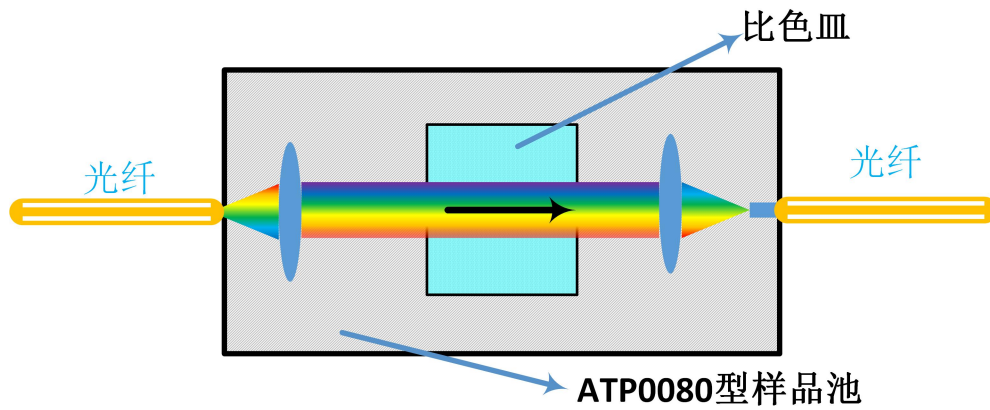
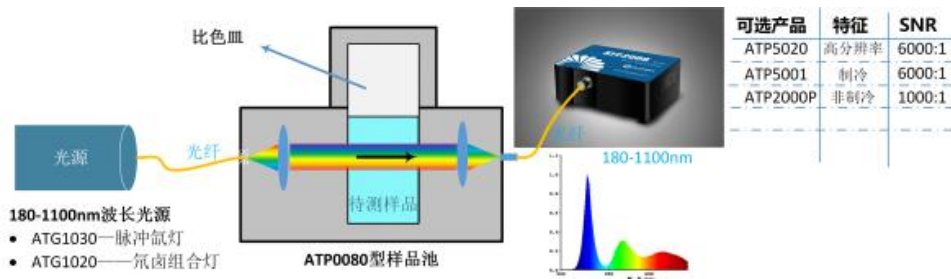


Fig. 2 Collimator



Pic. 4 cuvette holder



180-1100nm波长光源

- ATG1030—脉冲氙灯
- ATG1020—氙卤组合灯

可选产品	特征	SNR
ATP5020	高分辨率	6000:1
ATP5001	制冷	6000:1
ATP2000P	非制冷	1000:1