

## Key Features

- Wide spectral range
- High output power
- Good spectral stability
- Highly reliable and durable

Benchtop Casing



2000nm - CW

## Description

Amonics' 2μm ASE light source features high output power, very wide spectral range and high stability against temperature change.

The benchtop version incorporates a user-friendly front panel housing with a LCD monitor display, key switch, power control knob and optical connectors. RS232 or Ethernet computer interface is also equipped.

## Application



- Gas analysis
- Biomedical analysis



- Spectroscopy
- Optical component testing



ISO 9001 : 2015  
Certificate No.: CC 5346

Our product is manufactured under a HKQAA ISO 9001 certified quality management system. The ISO 9001:2015 certification applies to the Hong Kong production site only.

## Specifications

Model	ALS-2000-18
Output Power	Min. 18 dBm
Min. Spectral Density	-40 dBm/nm
Spectral Range	1920 nm to 2080 nm
Output Stability @ APC mode	Max. $\pm$ 0.05 dB
Output Isolation	Min. 30 dB

## General Parameters

	Value
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz
Dimensions	260(W) x 330(D) x 120(H) mm
Protection	Pump laser (TEC) overheat
Optical Power Monitoring	Output power
Mechanical Safety Control	Key-lock switch, BNC interlock key
Remote Control Port	RS232 / Ethernet
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	SMF 1950

## Ordering Information

Product Code	ALS-2000-aa-b-cc	aa : Output power in dBm b : B for Benchtop cc : FA for FC/APC, FC for FC/UPC, SA for SC/APC, SC for SC/UPC
--------------	------------------	---

Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.

### Amonics Limited (Hong Kong)

14/F, Lee King Industrial Building, 12 Ng Fong Street,  
San Po Kong, Kowloon, Hong Kong  
Tel :+852 2428 9723 Fax :+852 2428 9704

### Beijing Amonics Co. Ltd. (Beijing)

Room 902, Unit 1 Joy Mansion, NO.99 Chaoyang North Road, Beijing China 100123  
Tel :+86 10 8478 3386 Fax :+86 10 8478 3396  
Email: [contact@amonics.com](mailto:contact@amonics.com) Website: [www.amonics.com](http://www.amonics.com)



日本デバイス株式会社 E-mail [sales@j-device.com](mailto:sales@j-device.com)

[www.j-device.com](http://www.j-device.com)

Tel 03-6262-3424 Fax 03-6800-5883