

# SINOBONDER Technology Co., Ltd.

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# Industry-renowned clients:



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ATOP

ModuleTek®

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youopto®

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AFCP



POTRON 光子光电

eLASER

# Company Profile

**SINOBONDER is an innovative enterprise founded in October 2014, headquartered in Dongguan, Guangdong Province, China. We specialize in providing excellent services to clients in the optical communication industry, having successfully served over 150 clients in the past few years, earning widespread recognition and trust in the industry.**

# Company Profile

## Core Team

- We have a robust team of over 60 employees, including more than 20 R&D professionals, dedicated to continually driving technological innovation, ensuring that we remain at the forefront of the industry.

## Technological Strength

- SINOBONDER possesses the capabilities to design and manufacture high-speed and high-precision platforms, voice coil motors, high-speed data acquisition systems, and computer vision algorithms. All our products, including mechanical design, control systems, electronic systems, and software, are independently developed, with proprietary intellectual property rights.

# Company Profile

## Production and Sales

- With a factory area of 7,000 square meters, our annual production and sales of various alignment machines range from 200 to 300 units, accumulating a total shipment exceeding 1,500 units, showcasing our strength in production and sales.

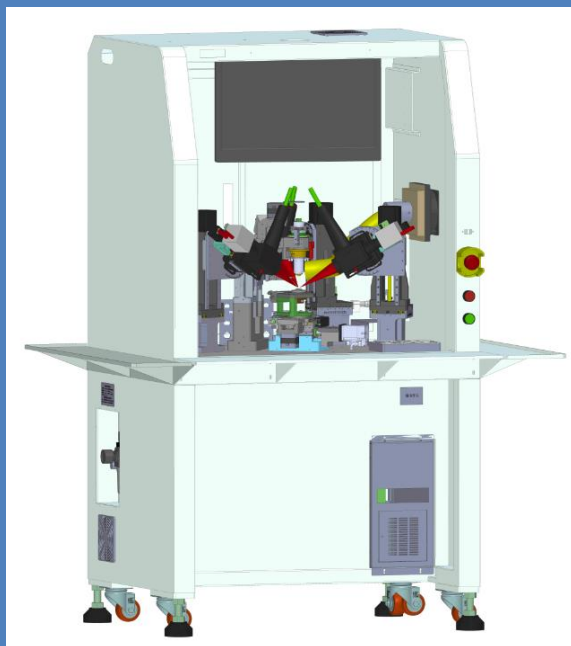
# Company Profile

## 400G & 800G Optical Module Alignment Machine

- Since 2019, we have been actively developing 400G & 800G optical module alignment machines. The cumulative shipment of these machines has surpassed 200 units, positioning us as a market leader. This further solidifies our prominent position in the high-end technology sector.
- SINOBONDER, driven by core values of independent innovation, exceptional quality, and customer satisfaction, continually challenges itself to assist clients in achieving success in the fiercely competitive market. We look forward to partnering with you to create brilliance together.

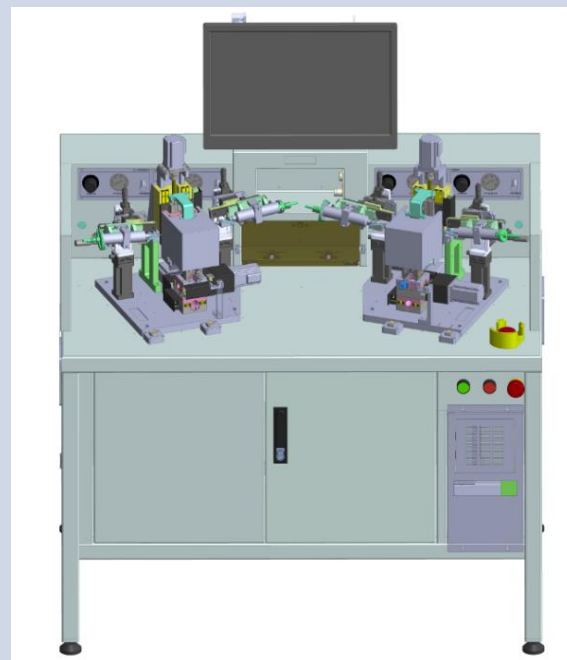
# Product Introduction

## LD Alignment and Laser Welding System (YFC-230)



- For TOSA, BOSA, Combo PON.
- Automatic gun height adjustment by vision system.
- Option: APD Driver, Return Loss Meter, TEC Driver.

## PD Alignment and UV Curing System (YRX-20)



- Dual independent stations, double output.
- For alignment of ROSA, BOSA and Combo PON.
- Support Isink or Isource, PIN-TIA or APD, Sensitivity or Responsivity.
- Automatic dispensing and UV curing.

# Product Introduction

## Dual Six-Axis Micro-Lens Alignment (YSA-200)



- Dual Six-Axis stages. Align two micro lens simultaneously.
- Automatic vision positioning of lens and PCB.
- Automatic lens loader.
- Automatic dispensing and UV curing.

## Dual Six-Axis Lens/Fiber Array Alignment and UV Curing System (YSA-300)



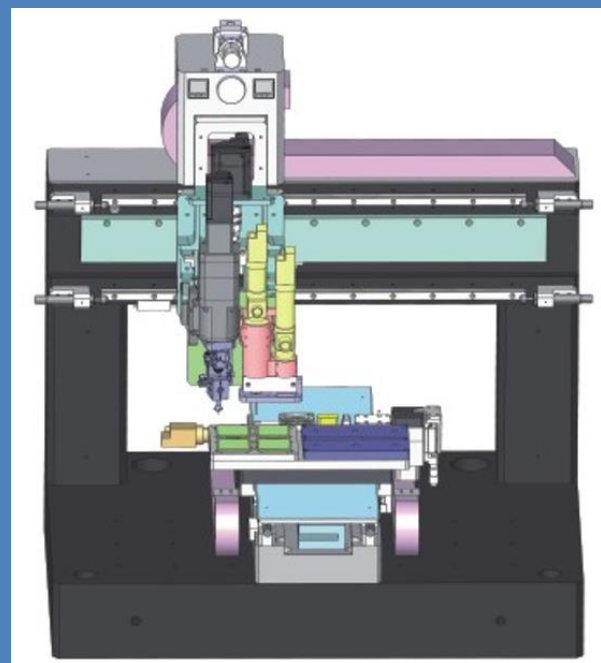
- For alignment of dual lens array, dual FA and dual AWG.
- Dual Six-Axis stages. Align two lens array simultaneously.
- Automatic vision positioning of lens and PCB.
- Automatic dispensing and UV curing.

**Such as: 400G DR4/FR4, 800G DR8/2xFR4, 400G/800G SR8.**



# Product Introduction

## High-Precision Die Bonder (3 $\mu$ m) (PDB-100)

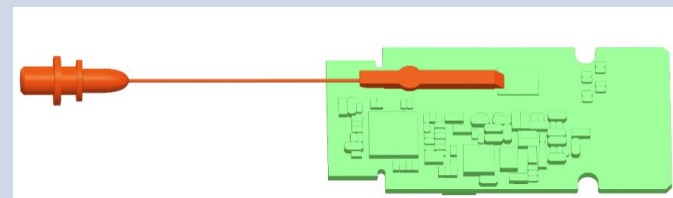
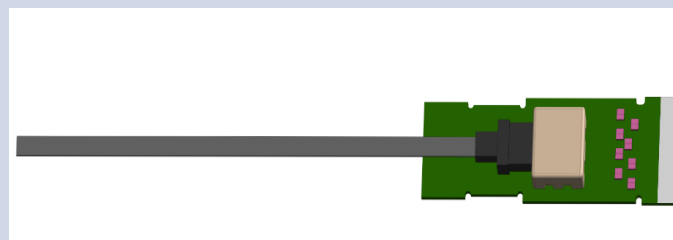


- Repeatability: 3 $\mu$ m at 3 $\sigma$ .
- Low footprint, cost-effective.
- Automatic collets changing system.
- Support eutectic die attachment.

## Multi-Channel COB Alignment and UV Curing System (YCB-10)



- For alignment of lens array, FA and AWG.
- X, Y, Z,  $\theta$  alignment.
- Automatic vision positioning of lens and PCB for FA and AWG.
- Automatic dispensing and UV curing.

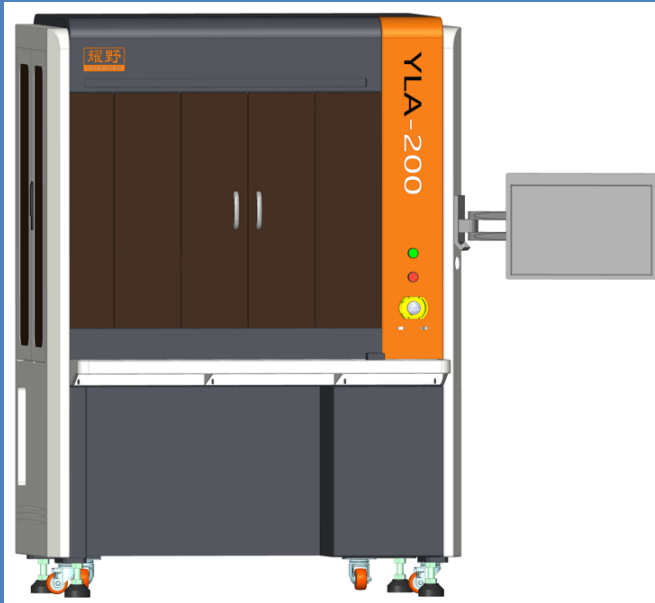


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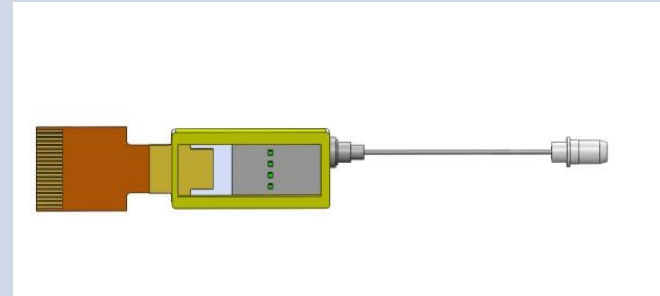
- 10G/25G SR
- 40G/100G/200G SR4
- Multi-Channel FA/AWG

# Product Introduction

## Micro-Lens Alignment and UV Curing System (YLA-200)



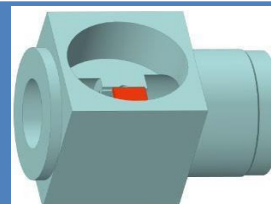
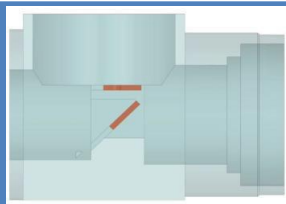
- For alignment of one micro lens.
- Automatic vision positioning of lens and substrate.
- Linear motor stage with repeatability of 50nm.
- Support power and collimation alignment.
- Automatic lens loader.
- Automatic dispensing and UV curing.



Such as:

- 100G LR4
- 100G CWDM4
- 100G LWDM4

## Fully Automatic Filter Mounting Machine (YFM-10)



- For 0-degree and 45-degree filters in BASE. UPH > 800pcs.
- Automatic vision positioning of filters and dispensing.
- Automatic heating and curing.
- Automatic loading and unloading of production materials.

# Welcome to inquire

We have the most comprehensive production equipment in the optical communication industry.