

*Only part of CIOE exhibits, listed in no order.

Advanced Manufacturing Equipment

Optical Processing & Manufacturing Equipment



Optical Processing Equipment

- Optical Milling Machine
- Fully Automatic Precision Grinding Machine
- Precision Optical Polishing Machine
- Ultrasonic Cleaning Machine
- Fully Automatic Centering Edging Machine
- Optical Lens Gluing Machine

Optical Coating Equipment

- Precision Optical Coating Machine
- Vacuum Evaporation Coating Equipment
- Ultra-High Vacuum Cleavage Coating System

Optical Testing Equipment

- Non-Contact Optical Surface Testing Equipment
- High-Precision Testing Platform
- Visual Inspection Equipment

Optical Measuring Instrument

- Ultra-High Precision 3D Measuring Instrument
- Optical 3D Profile Measuring Instrument
- Fully Automatic Video Measuring Instrument

Camera Production Equipment

- Automatic Lens Assembly Equipment
- Single/Dual Eye AA Equipment
- Camera Module Automation Solution

Microscope

- Measuring Microscope
- 3D Video Microscope
- Ultra-Deep Field Video Microscope

Laser Equipment



Laser Marking Machine

- Ceramic-Dedicated Laser Marking Machine
- UV Laser Marking Machine
- Wafer Laser Marking/Sorting Machine
- CO₂ Laser Marking Machine

Laser Welding Machine

- Handheld Laser Welding Machine
- Intelligent Laser Welding System
- Laser Solder Ball Jetting Machine
- Automatic Laser Welding Machine

Laser Cutting Machine

- Glass Laser Cutting Equipment
- PCB/FPC Cutting Equipment
- Femtosecond Laser Cutting Machine
- Diamond Laser Cutting Equipment

Laser Cleaning Equipment

- Industrial Laser Cleaning Equipment
- Portable Laser Cleaning Equipment
- Trolley-Type Laser Cleaning Equipment
- Pulsed Laser Cleaning Machine

Industrial Robots & Automation Equipment



Industrial Robot

- SMR Mobile Composite Robot
- 3C Industrial Robot
- Robot Grinding & Polishing Machine

Industrial Robot

- XR Evaluation Bionic Robot
- Robot Polishing System
- Parallel Six-Degree-of-Freedom Robot

Automation Equipment

- Automatic Ultrasonic Bonding Machine
- High-Precision Quantitative Grinder
- Automatic Sorting Machine

Display Manufacturing Equipment



- Mass Transfer Equipment
- Direct Writing Lithography Equipment
- New Display Production Line Supporting Equipment
- Mass Transfer Automatic Alignment Welding Machine

Core Component

Optical Component



Optical Lens

- Machine Vision Lens
- Imaging Lens

Optical Module

- HD Wide-Angle Lens Camera Module
- Binocular Camera Module
- Laser Ranging Module

Industrial Camera

- 4K Industrial Camera
- Multispectral Line-Scan Industrial Camera
- Intelligent Industrial Camera

Imaging System

- Microscopic Imaging System
- Autofocus System
- Hyperspectral Imaging System

Optical Material



- Optical Glass
- Optical Crystal
- Optical Plastic
- Sapphire Optical Material

Optical Component



- Lenses
- Prisms
- Filters
- Mirrors
- Beam Splitters
- Polarizing Devices
- Light Source Device
- Photodetector

Motion Control



Mechanical Component

- Opto-Mechanical Component
- Mechanical Bearing Platform
- Opto-Mechanical System

Guide Rail

- Linear Guide Rail
- Circular Guide Rail
- Linear Ball Guide Rail

Motor

- Linear Motor
- Stepper Motor
- Super Micro-Generator

Servo

- Photoelectric Servo Tracking System
- Vacuum Servo Motor
- Motor Servo System

Galvanometer

- 2D Scanning Galvanometer
- Laser Galvanometer
- Laser Galvanometer Processing System

Controller

- Gas Mass Flow Controller
- UV LED Point Light Source Controller
- Piezoelectric Ceramic Controller

Screw

- Panel Screw
- Three-Component Screw
- Precision Screw

Driver

- Micro-Servo Driver
- Stepper Driver
- Piezoelectric Ceramic Driver



Register as a Visitor

Motion Stage



- Ultra-Precision Air-Float Motion Stage
- Nano-Level Air-Float Stage
- Micro-Motion Linear Motor Stage
- Precision Alignment Stage

Intelligent Sensor



- LiDAR
- High-End Visual Sensors
- 3D Measurement Sensors
- Industrial Area-Array Image Sensors
- 6D Force Sensors
- Displacement Sensors

Lasers



- Fiber Lasers
- Semiconductor Lasers
- Femtosecond Lasers
- CO₂ Lasers
- Ultrafast Lasers
- Blue Lasers