

KAIYI TECHNOLOGY CO., LTD.

From concept to execution,
total solutions at your service.



About Kaiyi



Kaiyi Technology Co., Ltd. was established in 2005 and specializes in providing high-quality brands for the research and development and transformation of equipment accessories in the optoelectronics, semiconductors, renewable energy, and other industries.

Kaiyi Technology's professional R&D team boasts many years of experience and technical knowledge, along with modern equipment and sophisticated instruments, all dedicated to providing customers with the best quality products and services. Our customer base includes those in optoelectronics, semiconductors, solar energy, machinery manufacturing, and other manufacturing industries that require equipment development and transformation, as well as various components necessary to the industry.

We provide a range of services, including ODM and OEM product development and modification, tailored to meet our customers' specific needs and requirements. We are committed to providing high-quality products that extend the product lifespan, helping customers improve production efficiency and reduce costs, all while meeting their needs.

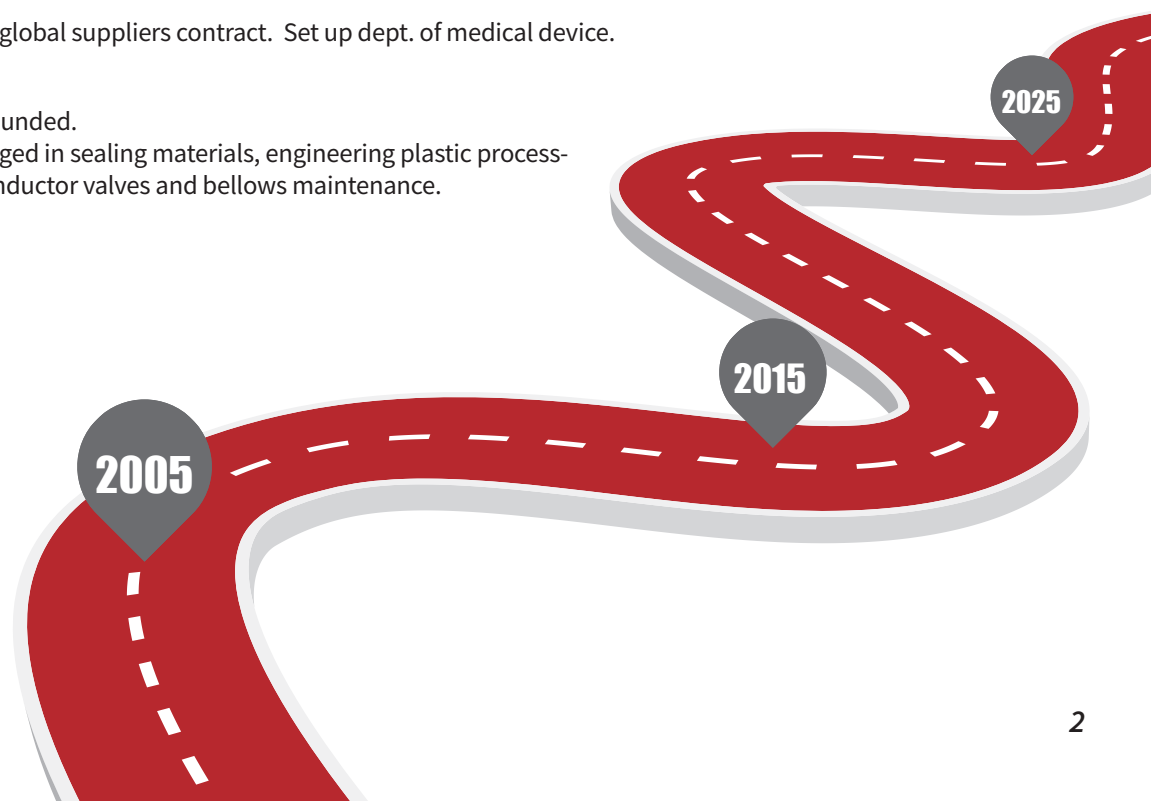
If you are seeking high-quality, reliable, and innovative one-stop service, please contact our team. We are committed to sustainable operations and dedicated to providing you with the best possible products and services.



Company History

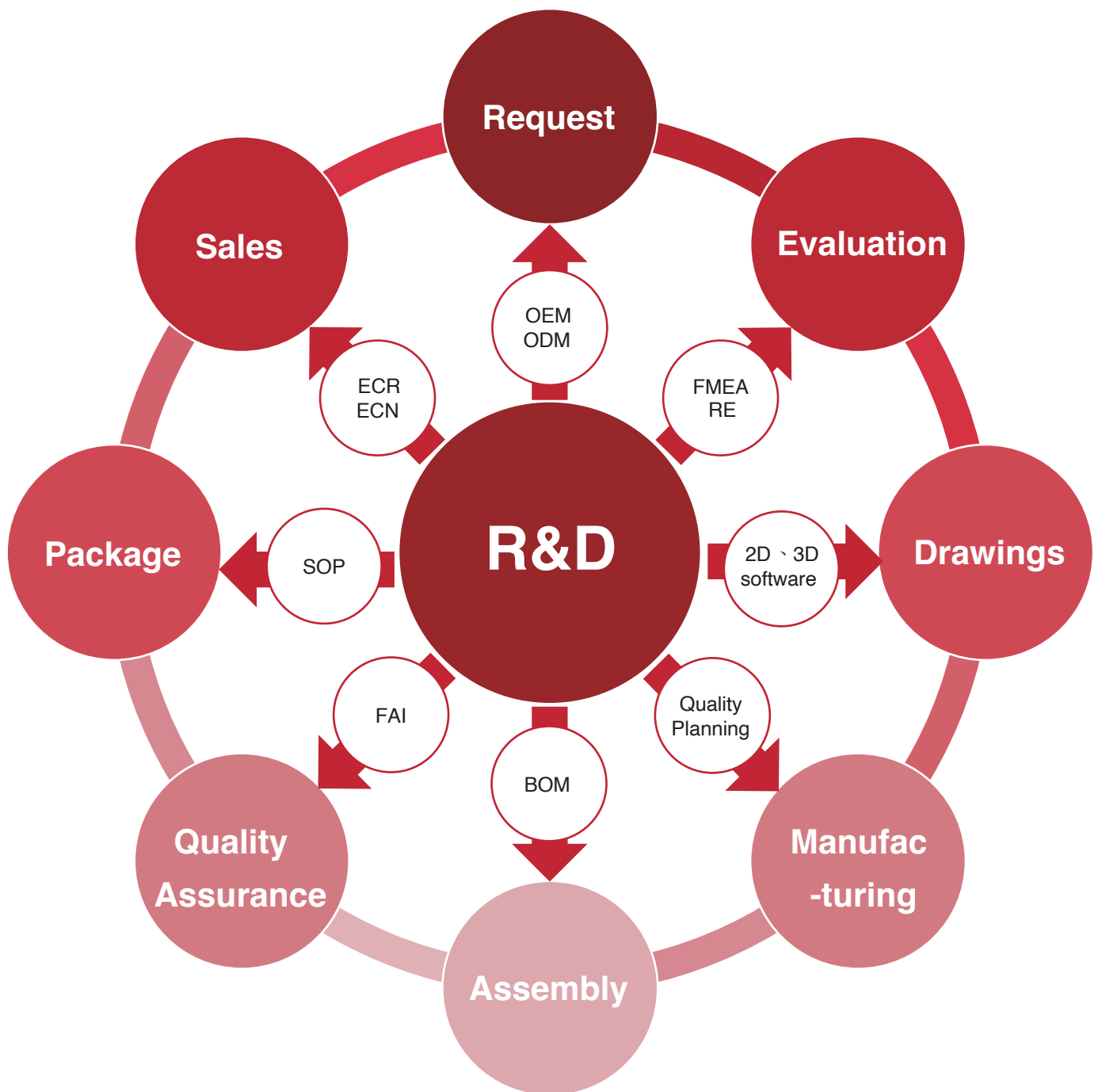


- 2025** Completion of new factory in Luzhu, Taoyuan.
- 2023** The expansion of the R&D department. Preparations for the construction of a new plant in Luzhu, Taoyuan.
- 2021** Obtained certification as optoelectronic and semiconductor giants. (Supplier Technical Capability & Supplier Performance and Capability Assessment).
- 2020** Set up Moving Column Machining Center specializing in long parts. Added more Swiss Lathe.
- 2018** Added the third Swiss Lathe and super large customized CNC Router. Added laser calibration system to measure large parts.
- 2016** Built thermostatic room for manufacturing, clean room for inspecting and packing.
- 2015** Added 3D CMM(Coordinate Measuring Machine), customization optical linear scale...etc. device.
- 2013** Added Swiss Lathe for precision machining.
- 2012** Added factory in Luzhu, Taoyuan. Dept. of medical device was spin off as Bomei Co., Ltd and obtained certification of ISO 13485.
- 2010** Obtained ISO 9001
- 2008** Signed GSA global suppliers contract. Set up dept. of medical device.
- 2005** Company founded. Mainly engaged in sealing materials, engineering plastic processing, semiconductor valves and bellows maintenance.



Service Process

We are dedicated to delivering comprehensive, high-quality, reliable, and innovative one-stop services.



Services Items



Total Solution

- Customized Mechatronic Integration Design
- CVD chamber arcing improvement program
- Particle contamination in CVD chambers improvement program
- Process gas reduction program
- Lifetime of the parts improvement program
- Mura on the glass golf tee improvement program



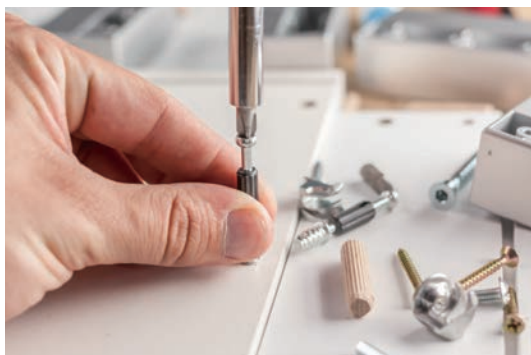
Composite Material Bonding

- Specializing in the composite material bonding of engineering plastics and metal.




Micro Dimension Machining

- Have own brand of medical orthodontic screws and experience in the production of high-precision screws.



ODM / OEM

- We have professional equipments and R&D engineers capable of completing ODM/OEM projects in the fields of optoelectronics, semiconductors, and medical devices.



Customized Mechatronic Integration Design

**Meeting specific customer needs,
offering specialized mechatronic services.**

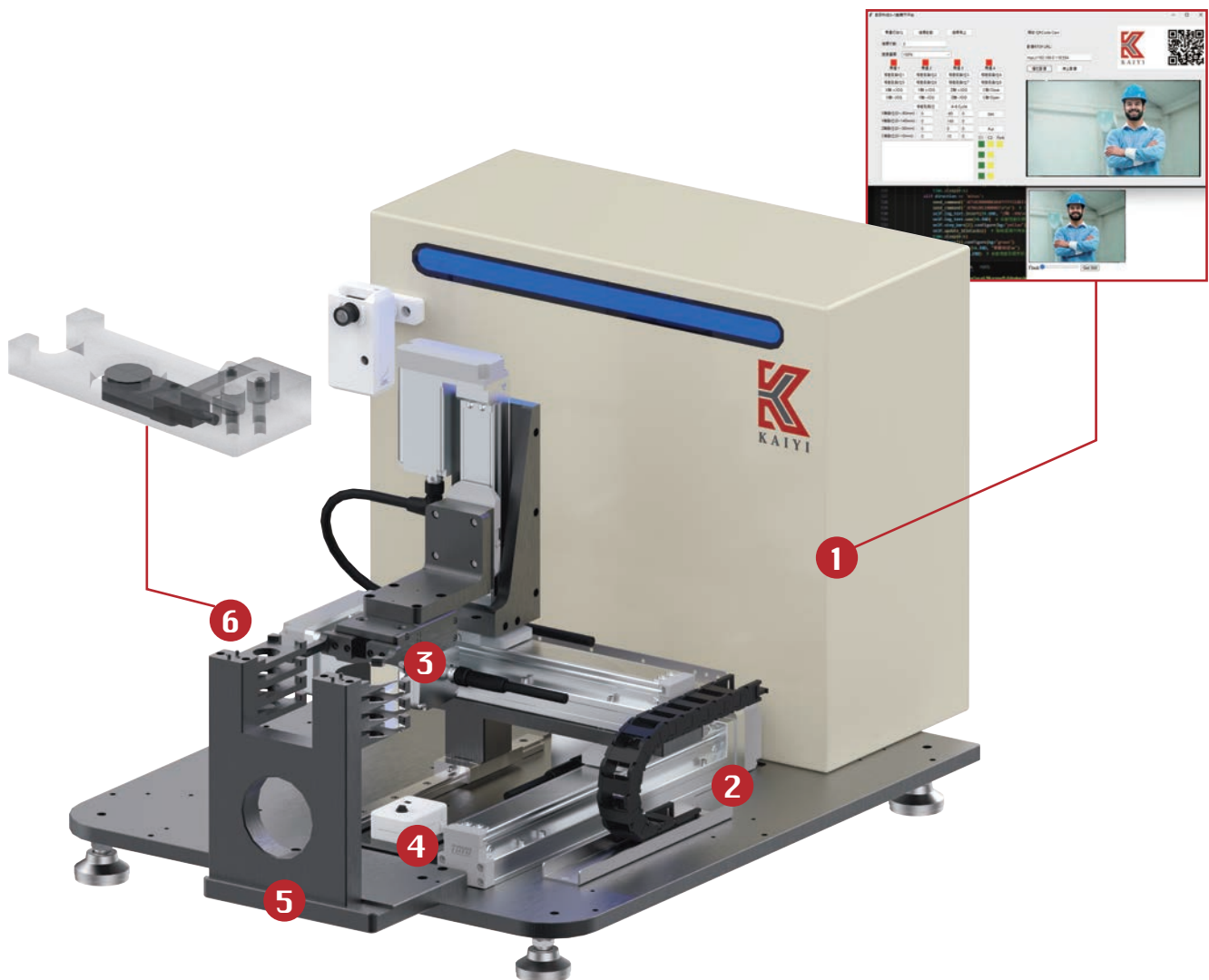
Our expert R&D team specializes in machinery and automation control, providing customized mechatronic integration design services. With our in-house factory for manufacturing, processing, and production, we bring designs to life.

Customized Mechatronic Integration Design



Design Concept

The application of more mature single-axis motion modules, electric (pneumatic) grippers, paired with monitoring and inspection functions integrated according to customer needs.



- 1** Remote/Local Control (PC/PLC BASE Compatible)
- 2** Customized Multi-Axis Motion (Can be freely paired with commercially available modules, such as ball screws actuator, linear motors, cylinders)
- 3** Electric or pneumatic grippers, cylinders, and vacuum pad cups can all be applied.
- 4** External Contact/Non-Contact Measurement Integration (Laser, IR, CCD, Gauge, etc.)
- 5** Customized Precision Parts Machining and Surface Finishing
- 6** Monitoring, Sensing, and Indicator Light Applications

Professional Equipment

Type	Name	Specification	R(+/-)	PDA(+/-)
Milling	3-axis CNC Milling Machine	1000x600x600mm	0.003	0.005
		1000x500x600mm	0.003	0.005
	Moving Column CNC Milling Machine	3500x500x600mm	0.01	0.02
	CNC Router	3000x3600mm	0.025	0.125
		3500x4000mm	0.025	0.15
		1200x2400mm	0.02	0.1
Lathe	3-axis CNC Milling Machine	Ø20mm/Ø12mm	0.003	0.005
Measuring	2.5D Non-contact Video Measuring System	200x100mm 17.5x~112.5x		
		300x200mm 17.5x~112.5x		
	CNC CMM	1000x600x600mm		
	Laser Interferometer	±0.35ppm		
	X-Ray Fluorescence Analyzer	Niton™ XL2 XRF Analyzer		
	Ultrasonic Flaw Detector	Nondestructive testing Zoller Smile 420		
Others	Laser Engraving Machine	100x100mm / 20W		
	Hot Straightener Machine	3x2.7M / 100T		
	Vibratory Finishing Machine	80L		
	Magnetic Deburring & Polishing Machine	1KG		
	3 Sinks Ultrasonic Cleaners	70L		
	Single Tank Ultrasonic Cleaning Machine	87.5L		

Post-process Service and Material



We can perform various processing treatments using Engineering Plastic or Metal materials according to customer requirements.

Engineering Plastic

PEEK (GF30, CA30, HPV, ESD)
 PI
 Vespel®
 (SP1,SP21,SP211,SP22,SP202,SP3,SCP5000)
 Meldin®
 (7001, 7211, 7003, 7021, 7022, PBI)
 PTFE
 PAI - Torlon®
 PEI - Ultem®,
 PBI - Celazole®
 PPS - Techtron®
 PU/PA66/ABS/PVC/P-
 P/PE/POM/PETP/P-
 C/PMMA/ABS

Metal

Mo Alloy
 Nickel Base Alloy
 Invar 36 Alloy
 Nickel 200,201,
 Hastelloy® (C-276/C-22),
 Haynes 242 Alloy
 Nitronic®60
 AL
 1XXX~7XXX
 Copper
 Stainless Steel
 (301, 303, 304, ,316, 420,
 440, 630)
 Titanium

Coating:

- Aluminum Plating
- Electroless Nickel Plating

Anodization:

- Aluminum Anodization
- Ti Colorization

Electrolytic Polishing

Heat Treatment

Blasting

Mirror / Vibration Polishing

EDM Process

WEDM Process

Laser Cutting

Cleaning Process

Global Deployment



Corporate Headquarters

Address: 4F, No. 1492-3, Chunri Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Factory area (M²): 1060 M²



Luzhu Factory

Address: No. 162, Shangzhu Road, Luzhu District, Taoyuan City 338, Taiwan (R.O.C.)

Factory area (M²): 850 M²



New Factory Site

Address: No. 651, Hongchang St., Luzhu District, Taoyuan City 338, Taiwan (R.O.C.)

Factory area (Floors M²): 5300 M²



Contact Information



Kaiyi offers comprehensive solutions tailored to customer needs. We look forward to establishing deeper cooperation with you. Please feel free to contact us via email or phone.

Address: 4F.-1, No. 1492-3, Chunri Rd., Taoyuan Dist., Taoyuan City 330, Taiwan

TEL: +886-3-3467288

Website: www.kaiyi.com.tw

Email: Sales@kaiyi.com.tw

Facebook: www.facebook.com/kaiyi.com.tw



Facebook



Services items:

- Total Solution
- Metal
- Engineering plastic
- Composite material processing
- Orthodontic implants
- ODM / OEM
- Agency Brands

KY240819



website

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