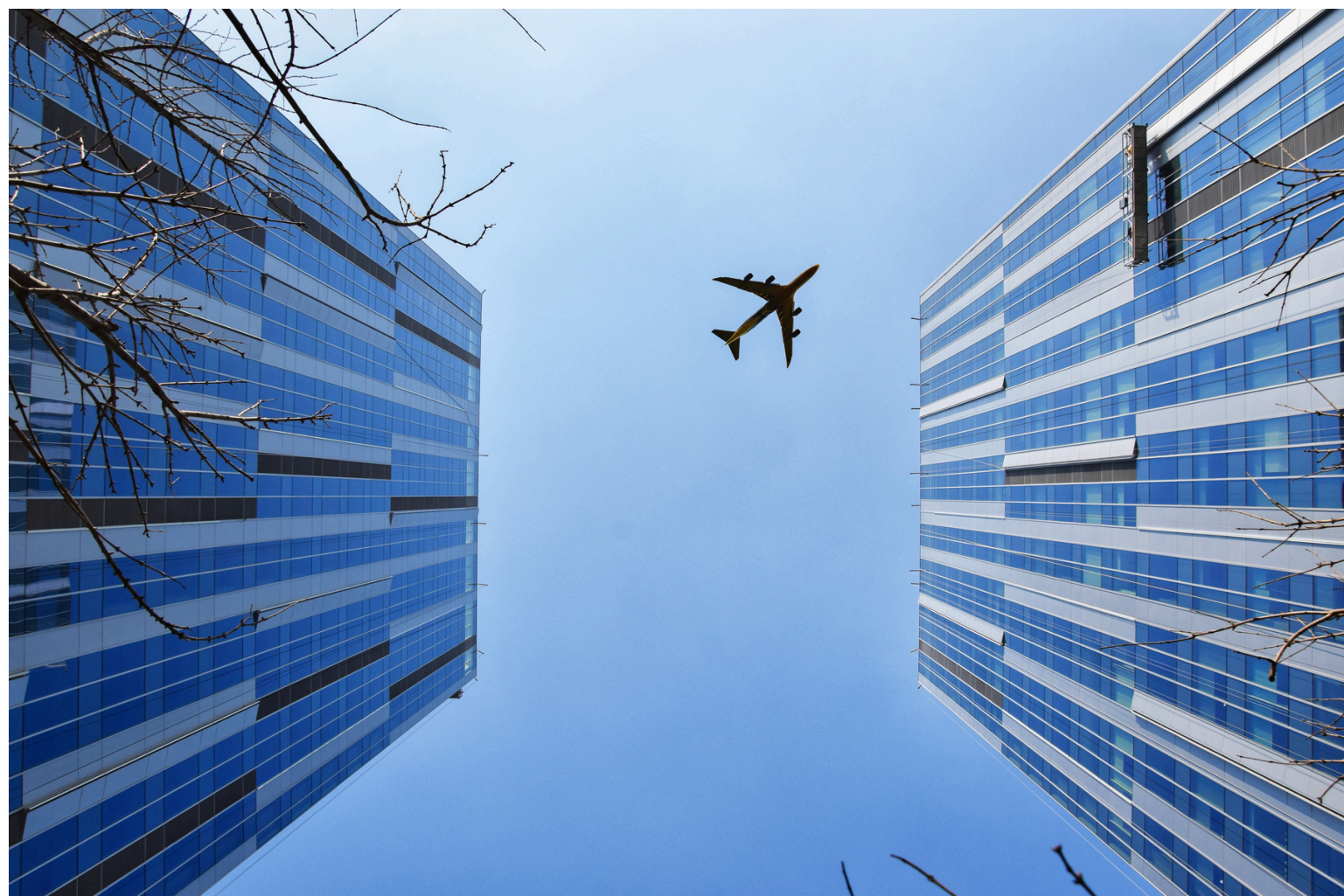




**为体外诊断产业提供高效智能装备**

**Empowering the IVD Industry with Intelligent Equipment**



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# 1、公司简介 / Company Profile

**JEARI Automation Co., Ltd. is a high-tech enterprise specializing in intelligent manufacturing solutions for in vitro diagnostics (IVD).**

**Headquartered in Xiamen, with modern production and service centers in Hangzhou and Shanghai, JEARI provides automated production lines and auxiliary equipment for POCT (Point-of-Care Testing) applications.**

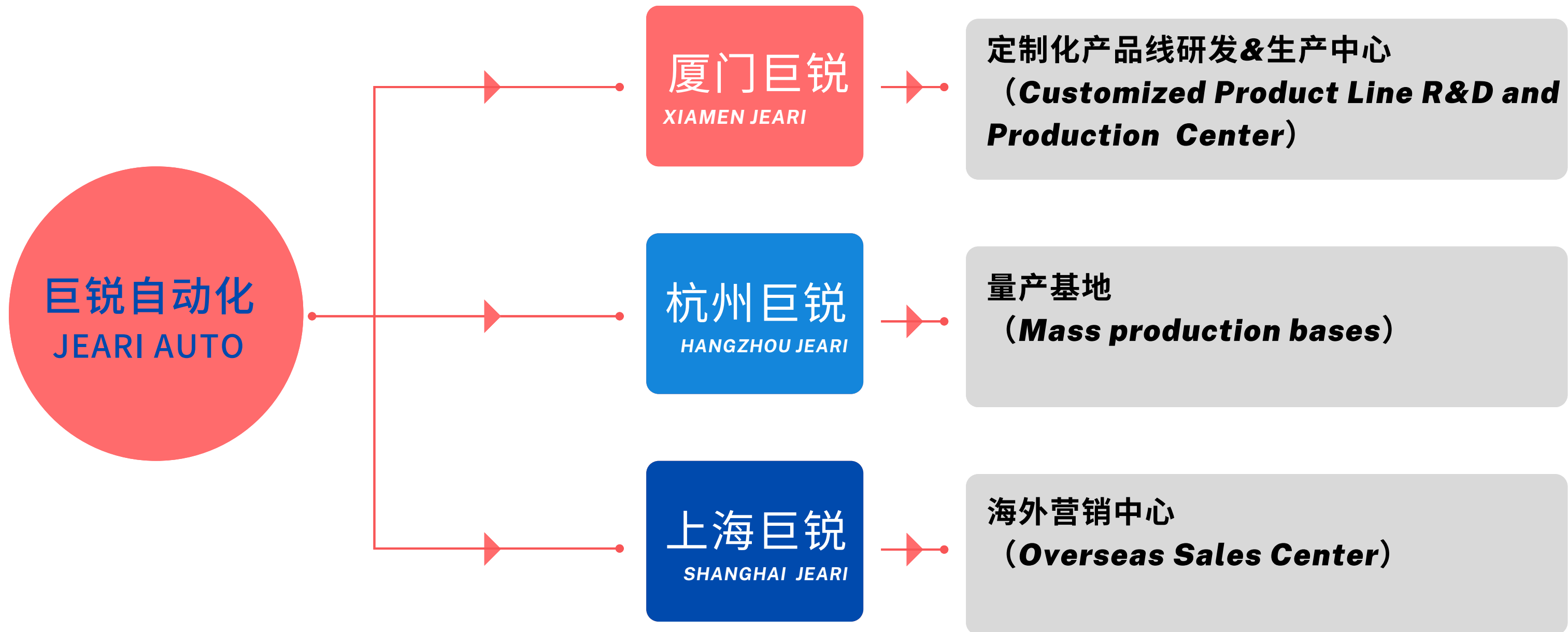
**With over a decade of industry experience, JEARI offers end-to-end solutions covering raw material handling, workshop design, equipment manufacturing, process optimization, and final product delivery — empowering clients to achieve efficient, precise, and sustainable manufacturing systems.**

巨锐自动化设备有限公司（JEARI Automation）是一家专注于体外诊断（IVD）智能制造整体解决方案的高新技术企业。公司以厦门为研发与制造基地，在杭州、上海设有现代化生产与服务中心，主要供应POCT检测相关的自动化生产线及配套设备。凭借十余年的行业经验，巨锐为全球客户提供从原材料、车间设计、设备制造、工艺优化到成品交付的一站式解决方案，助力客户实现高效、精准、可持续的生产体系。



## 巨锐自动化组织架构

### Organizational Chart of JEARI AUTO



# **JEARI** 2、企业愿景与使命 / Vision & Mission

- Vision: To become a global leader in automated manufacturing solutions for the IVD industry.
- Mission: To drive innovation and efficiency in healthcare diagnostics through intelligent automation.
- Core Values: Professional Leadership ▪ Innovation Driven ▪ Growing Together with Clients.

- 愿景：成为全球领先的体外诊断自动化生产整体方案提供商。
- 使命：以智能制造推动人类健康检测产业升级。
- 价值观：专业引领 ▪ 创新驱动 ▪ 与客户共成长



# JEARI 3-1 我们的优势 / Our Strengths



**With 102 patented technologies, JEARI's innovations span key process modules including reagent handling, drying, cutting, lamination, assembly, and packaging, ensuring high efficiency and stability across production lines. The company is certified under the ISO 9001 Quality Management System, familiar with ISO 13485 control requirements, and ensures full compliance with medical device quality standards. JEARI holds 15 CE certifications and 3 FCC certifications, and maintains international collaborations with partners across more than 10 countries.**

**拥有102项专利技术，涵盖试剂处理、干燥、切割、复合组装、包装等关键工艺模块，确保生产线高效稳定运行。**

**通过ISO9001质量体系认证，熟悉ISO13485控制点，全流程符合医疗器械行业质量管理要求。持有15项CE认证及3项FCC认证，与10余个国家开展国际合作。**

## Our Honors



# **JEARI** 3-2我们的优势 / Our Strengths



**1. Over 10 years of POCT production line expertise:**  
**Delivered intelligent automation equipment to more than 300 clients worldwide.**

**2. Three-location integrated industrial network:**  
**Xiamen R&D Center, Hangzhou Manufacturing Base, and Shanghai Sales Center — creating an efficient closed loop of design, production, delivery, and service.**

**3. Modular and customized design:**  
**Tailored solutions to meet varied customer needs from pilot-scale testing to mass production.**

**4. Comprehensive technical support:**  
**Providing end-to-end turnkey services, including R&D process assistance, manufacturing, delivery, and after-sales support.**

**1. 十余年POCT生产线经验：已为超过300家客户提供智能化生产设备。**

**2. 三地联动的产业布局：厦门研发中心、杭州制造基地、上海营销中心，实现设计—制造—交付—服务高效闭环。**

**3. 模块化与定制化设计：满足客户从中试到量产的不同需求。**

**4. 全流程技术支持：协助研发工艺设计、并有制造、交付，服务，提供全程的交钥匙服务。**



## 4、全球布局 / *Our Global Presence*

### *Outstanding Implementation Cases*

### 杰出实践案例



## 4-1-1、全球布局（中国杰出案例） / Our Global Presence Outstanding Cases in China



### Glucose Test Strips Assembly Line

*This project was custom-designed and built for a well-known listed IVD (In Vitro Diagnostics) company in China, providing a fully automated blood glucose test strip production line.*

*The entire line achieves high-speed and stable automated production, integrated with a vision inspection system for real-time process monitoring and quality control.*

*Through close strategic collaboration, JEARI has helped the client rapidly expand its production capacity — increasing daily output from 1 million tests in 2021 to 7 million tests in 2025, achieving fully automated and digitalized manufacturing.*

*The production line integrates the MAS system for intelligent management of both personnel and equipment, ensuring the client's continued global competitiveness.*

*After automation upgrades, production efficiency increased fourfold — from 10 bottles per minute on semi-automatic lines to 40 bottles per minute on fully automatic lines — making it the fastest blood glucose production line in China.*

*The first-pass yield rate reaches 99.9%, with some process segments achieving 99.99%.*

*With its outstanding engineering capability and reliable equipment performance, JEARI was honored as the “Best Supplier of the Year 2025” by the client.*

该项目为中国一家知名体外诊断上市公司定制设计与建造的全自动血糖试纸生产线。整线实现高速、稳定的全自动化生产，并集成视觉检测系统，对关键工艺环节进行实时监控与质量检测。

通过与客户的深度战略合作，JEARI助力其快速扩大产能：

从2021年日产100万人份提升至2025年日产700万人份，实现全流程自动化与数字化生产。生产线搭载MAS系统，实现人员与设备的智能化管理，使客户在全球市场保持领先竞争力。

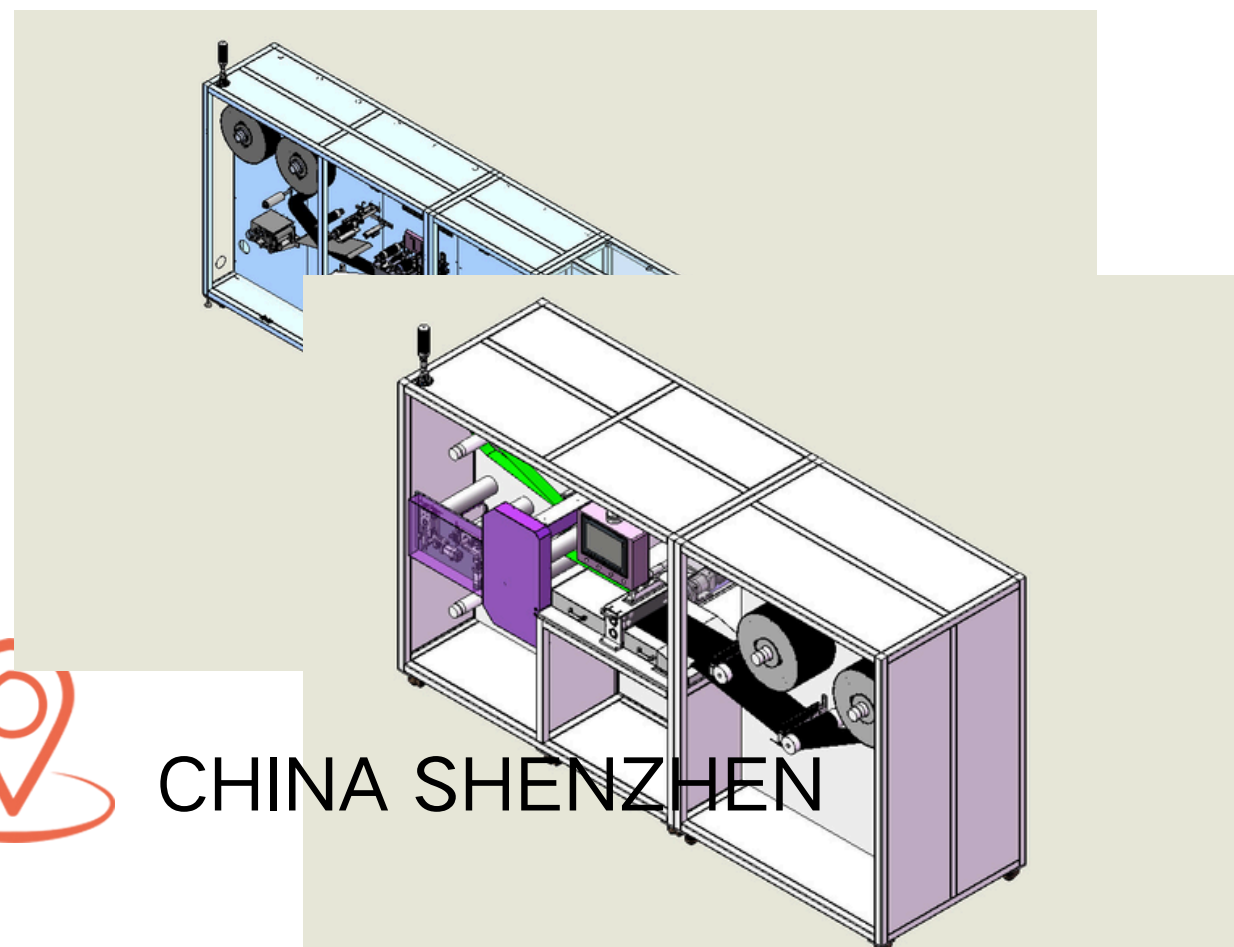
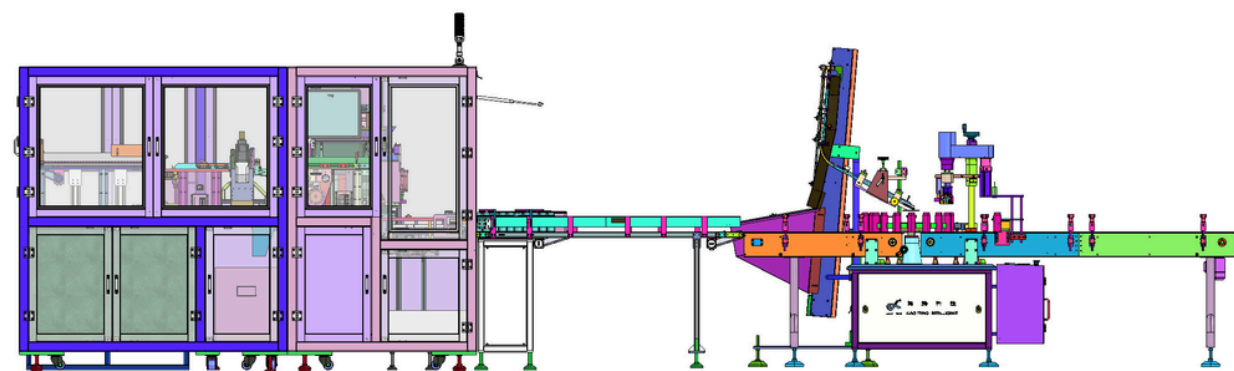
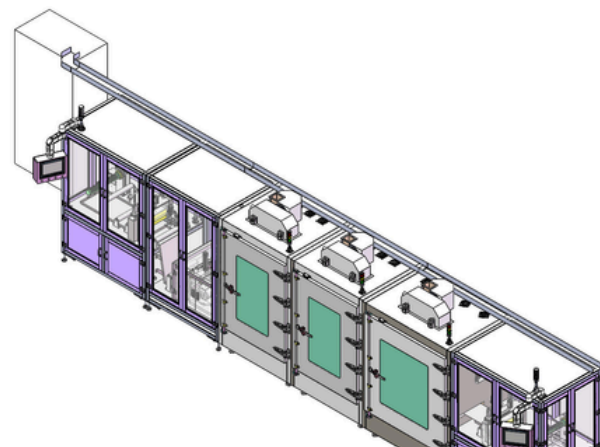
自动化改造后，生产效率单条生产线由每分钟半自动线10瓶提升至全自动40瓶，速度提升4倍，是当前中国血糖最高速的生产线；产品一次交验合格率可达到99.9%，局部环节更可达到99.99%。

JEARI以卓越的工程实力和稳定可靠的设备表现，荣获客户授予的2025年年度最佳供应商荣誉称号。



CHINA

## 4-1-2、全球布局（中国杰出案例） / Our Global Presence Outstanding Cases in China



### **China – Automated Urine Test Strip Assembly Line for a Top IVD Company**

#### **China · Top IVD Enterprise Urinalysis Test Strip Automatic Assembly Line Project**

**This project was custom-designed and built for one of the top three IVD enterprises in China by market value.**

**It is a fully automated dry-chemistry urinalysis test strip production line, covering the complete process from raw material soaking, drying, slitting, lamination, assembly, cutting, to packaging.**

**Equipped with the MAS intelligent management system, the line realizes smart coordination between operators and equipment.**

**The entire system adopts a modular design for easy maintenance and upgrades, featuring stable operation and mature process control.**

**The project has been successfully implemented at multiple client sites and is now entering the final delivery stage.**

中国·顶级IVD企业尿液试纸自动装配线项目

该项目为中国某市值前三的体外诊断企业定制设计并建造的干式化学尿液试纸全自动生产线。

实现从原材料的浸泡、干燥，分切，贴合、组装，切割、到包装完成的全流程自动化。搭载MAS系统，实现人员与设备的智能化管理。

设备整体采用模块化设计，便于维护与升级，具备稳定运行、工艺成熟的特点，已在多家客户现场成功落地，目前项目进入交付阶段。

CHINA SHENZHEN

## 4-1-3、全球布局（中国杰出案例） / Our Global Presence Outstanding Cases in China

### **China – Automated Chemiluminescence Reagent Filling Production Line**



***This project was developed for a leading IVD diagnostic enterprise in China, where JEARI provided a fully automated filling and packaging solution — covering the entire process including automatic loading/unloading, reagent stirring, precision filling, film sealing and cutting, laser marking, and finished product inspection.***

***The production line delivers high precision, stability, and traceability, significantly improving efficiency and product consistency, while reducing manual intervention to ensure purity and accuracy of reagents during filling and sealing.***

***The successful implementation of this project marks another major advancement of JEARI's automation capabilities in the chemiluminescence field, offering smarter and more reliable production solutions for global IVD manufacturers.***

#### **灌装项目**

该项目为中国领先的IVD诊断企业打造，JEARI提供了全自动化灌装生产解决方案，覆盖自动上下料、试剂搅拌、精密灌装、封膜切割、激光打码与成品检测等全过程。

生产线具备高精度、高稳定性与可追溯性，显著提升了生产效率与产品一致性，同时减少人为干预，确保试剂在灌装与封装环节中的纯净度与精确度。

项目的成功实施，标志着JEARI在化学发光领域的自动化方案能力再次升级，为全球IVD客户提供更智能、更可靠的生产支持。



CHINA SHENZHEN

## 4-1-4、全球布局（中国杰出案例） / Our Global Presence Outstanding Cases in China



### 光化学项目-血脂（血红蛋白项目）

***This project was custom-designed for a renowned domestic listed IVD company, encompassing fully automated multi-layer film processing, multi-layer material assembly, and fully automated single-sheet cutting, inspection, rejection, card assembly, bottling, and individual packaging systems.***

***JEARI precisely customized the equipment structure and process parameters according to the client's specified raw material characteristics, ensuring seamless integration with their production workflow and quality standards.***

***The entire line achieves fully automated operation, significantly enhancing production efficiency and consistency while reducing reliance on manual labor and minimizing human contact with products. It also seamlessly integrates with the client's information management system, creating an efficient, stable, and secure smart production line.***

该项目为国内知名上市IVD企业量身打造，涵盖全自动多层膜处理，多层材料组装，与全自动单片切割，检测、剔废、组装卡及装瓶和单独包装系统。

JEARI根据客户指定的原材料特性，精准定制设备结构与工艺参数，使其完美契合客户的生产流程与质量标准。

整线实现了全自动化作业，显著提升生产效率与一致性，降低人工依赖，减少了人接触产品，并可与客户的信息化管理系统无缝对接，打造高效、稳定、安全的智能生产线。



CHINA TIANJIN

## 4-2-1、全球布局（海外杰出案例） / Overseas Project Implementation Cases



### **Fully Automatic Blood Glucose Test Strip Single-Piece Packaging Assembly Line**

**This project involves the creation of a fully automated production line for individually packaged blood glucose test strips for a leading Indian in vitro diagnostics company. It aims to help the client achieve an automated production line from raw materials to finished products.**

**The entire line features core functions such as automatic material feeding, precise positioning, intelligent cutting, and automatic rejection of edge scrap. It can be optionally equipped with a CCD vision inspection system and printing information system to enable real-time identification and rejection of defective products. The system automatically tracks production volume, seals aluminum foil, prints production batch numbers, and performs finished product cutting and tray loading according to preset quantities (5 or 10 sheets).**

**Following project implementation, the system significantly enhanced the client's production efficiency and yield rate while reducing manual labor intensity. It also achieved stable quality control and automated packaging processes, earning strong trust and positive feedback from the client.**

该项目为印度一家领先的体外诊断企业打造的全自动血糖试纸独立包装生产线，旨在帮助客户实现从原料到成品的自动化生产线。

整线具备自动取料、精准对位、智能切割、边角料自动剔除等核心功能，并可选配 CCD 视觉检测和打印信息系统，实现对不良品的实时识别与剔除。

系统可自动统计产量、封铝膜、打印生产批号、并按设定数量（5片或10片）进行成品裁切与装板。

项目投产后，显著提升了客户的生产效率与良品率，降低人工操作强度，同时实现了稳定的品质控制与自动化包装流程，深受客户信任与好评。



INDIA

## 4-2-2、全球布局（海外杰出案例） / Overseas Project Implementation Cases



### **Blood Glucose Production Line Starting with Electrode Printing (Semi-Automatic)**

***This project was custom-designed by JEARI for a renowned Korean diagnostics company's production base in Turkey, establishing a high-precision automated gold electrode production line.***

***Starting from roll-form raw materials, the system performs die cutting, laser engraving, static elimination, dimensional cutting measurement, impedance testing, plasma surface treatment, and vacuum packaging, achieving fully automated and highly controlled operations.***

***The production line delivers high cleanliness, precision, and consistency, ensuring stable surface quality and conductivity of electrodes.***

***The successful implementation of this project not only enhanced the client's automation capabilities in electrode manufacturing, but also transformed its Turkey facility into a key production hub connecting the European and Middle Eastern markets.***

***JEARI's advanced automation technologies empower global clients to achieve high-quality, localized production and build a more competitive intelligent manufacturing system worldwide.***

**该项目由JEARI为一家韩国知名诊断企业在土耳其设立的生产基地量身打造，建设一条高精度黄金电极自动化生产线。**

**设备以卷状原材料为起点，依次完成外形模切、激光雕刻、静电去除、切割尺寸测量、阻抗检测等离子表面处理与真空包装等全流程自动化操作。整线实现高洁净度、高精度与高一致性控制，确保电极表面质量与导电性能稳定。**

**该项目的成功实施，不仅提升了客户在电极制造领域的自动化水平，也使其土耳其工厂成为连接欧洲与中东市场的关键生产中心。**

**JEARI的自动化技术助力国际客户在全球范围内实现高品质、本地化生产，打造更具竞争力的智能制造体系。**



Turkey



## 4-3、全球布局 / 合作伙伴 & 客户评价 / Partners & Testimonials

**The founder of our Turkish partner shared:**

**“Our journey with JEARI began in 2018, when our company was just starting out and facing many challenges.**

**JEARI built our first glucose production line, helping us become the first company in Turkey to obtain CE certification for glucose products — a major milestone in our growth.**

**Later, during the COVID-19 pandemic, JEARI encouraged us to explore antigen products and even helped us connect with the full supply chain. Thanks to their support, our business expanded rapidly and reached more people in need.**

**Over the years, JEARI has not only been a business partner but truly a friend who stood by us. Their professionalism, vision, and reliability have played a crucial role in our success.**

**Our relationship goes far beyond business — it’s built on trust and genuine friendship. I sincerely thank JEARI for their dedication and support, and I wholeheartedly recommend them to anyone looking for a reliable partner.”**





# 4-4、全球布局-从咨询到交付流程图 / Cooperation Process

Supplier Selection

- On-site Supplier Audit
- Process Validation, Raw Material Testing
- Requirements clearly defined

- 供应商选择
- 供应商现场审核
  - 工艺确认, 原材料测试
  - 需求明确

Preparation of Goods

- Stocking completed
- On-site Process Training

- 备货
- 货物准备完成
  - 现场工艺培训

Project Start

- Choose a processing route
- Check the feasibility of existing solutions

- 项目启动
- 选择工艺路线
  - 确认现有方案的可行性

Contract Signing

- Final Confirmation of Quotation
- Confirm payment method

- 合同签署
- 确认最终报价
  - 明确付款方式

Final Delivery & After-Sales Support

- Delivery to the customer's designated location
- Assist customers in launching production

- 最终交付&售后服务
- 货物抵达客户指定地点
  - 协助客户启动生产



## 5、核心产品与解决方案 / Core Products & Solutions



见Excel

### R&D Process Management (研发流程管理)

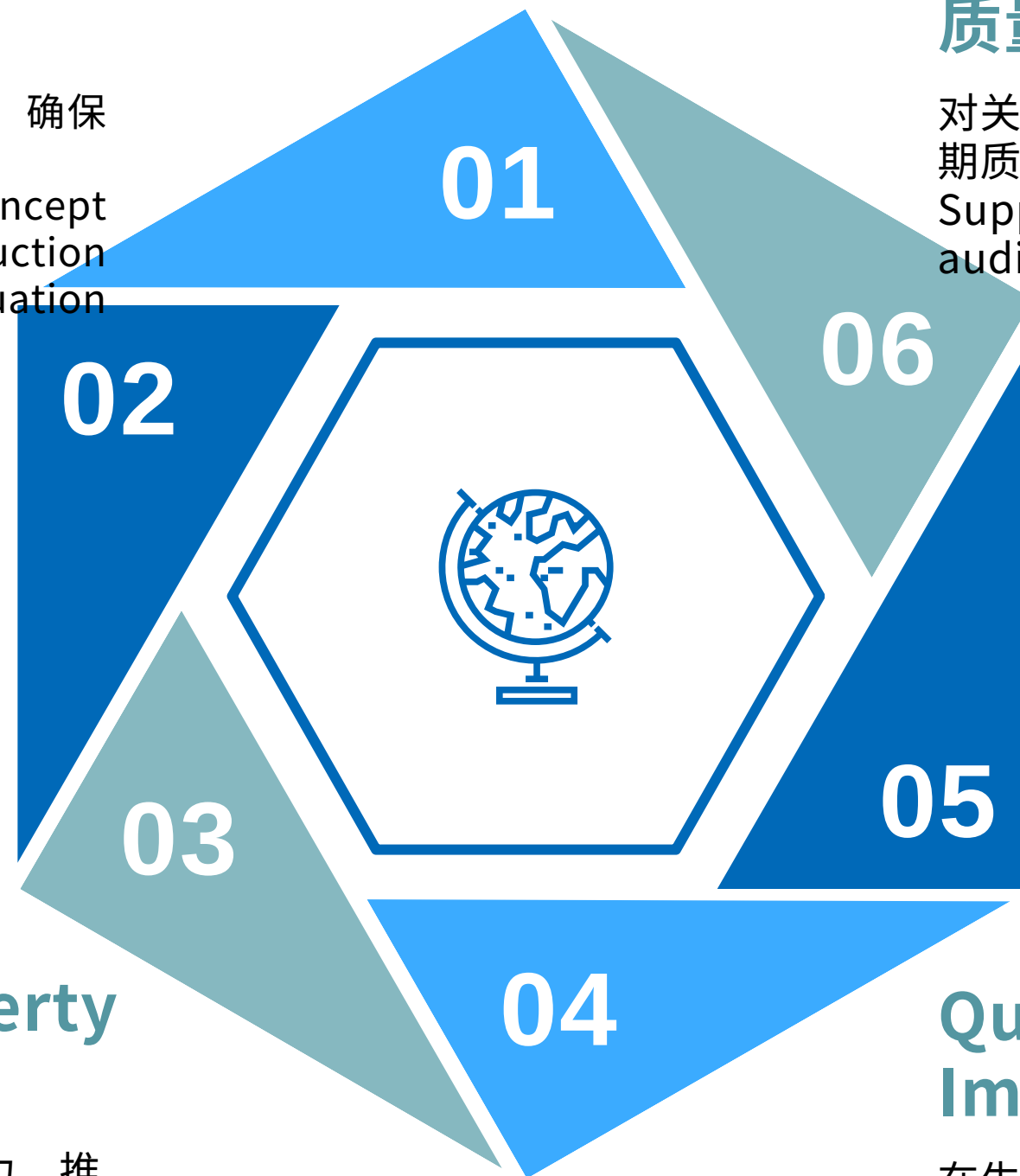
建立从概念设计、样机试制到量产验证的完整研发流程，确保每个阶段均有可追溯记录与质量评估。  
A complete R&D process is established, covering concept design, prototype development, and mass production validation, ensuring full traceability and quality evaluation at every stage.

### Design Verification & Validation (设计验证与确认)

通过功能测试、寿命测试和用户场景模拟，确保设备设计的可靠性与可制造性。  
Design reliability and manufacturability are ensured through functional testing, lifespan testing, and user scenario simulations.

### Innovation & Intellectual Property Management (创新与知识产权管理)

通过专利布局、技术创新与跨学科合作，不断提升核心竞争力，推动自动化设备技术升级。  
Innovation is fostered through patent strategy, cross-disciplinary collaboration, and continuous technological advancement to enhance core competitiveness.



### Supplier Quality Management (供应商质量管理)

对关键零部件供应商进行资质评估、进料检验与绩效审核，建立长期质量稳定的供应链体系。  
Supplier qualification, incoming inspection, and performance audits ensure a stable and high-quality supply chain system.

### Process Control & MES Integration (过程控制与MES集成)

在生产中实施标准化工艺控制，结合MES系统实现生产数据追踪与异常报警，实现全过程可追溯。  
Standardized process control combined with MES integration enables real-time data tracking, anomaly alerts, and full production traceability.

### Quality Assurance & Continuous Improvement (质量保证与持续改进)

在生产中实施标准化工艺控制，结合MES系统实现生产数据追踪与异常报警，实现全过程可追溯。  
Standardized process control combined with MES integration enables real-time data tracking, anomaly alerts, and full production traceability.



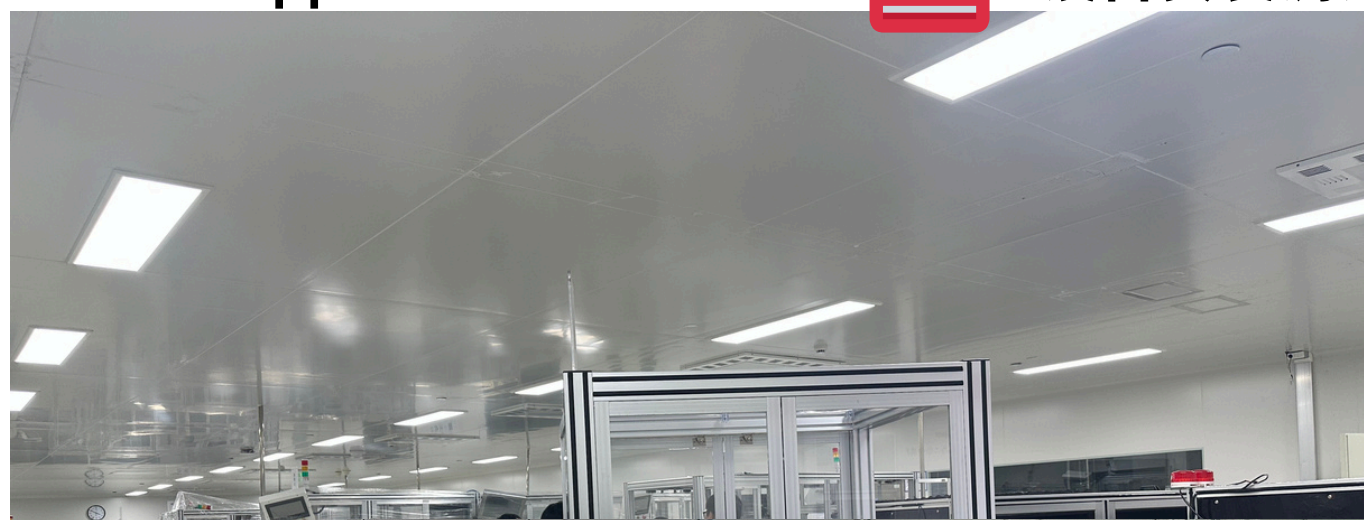
# 7. 服务与支持 / Services & Support



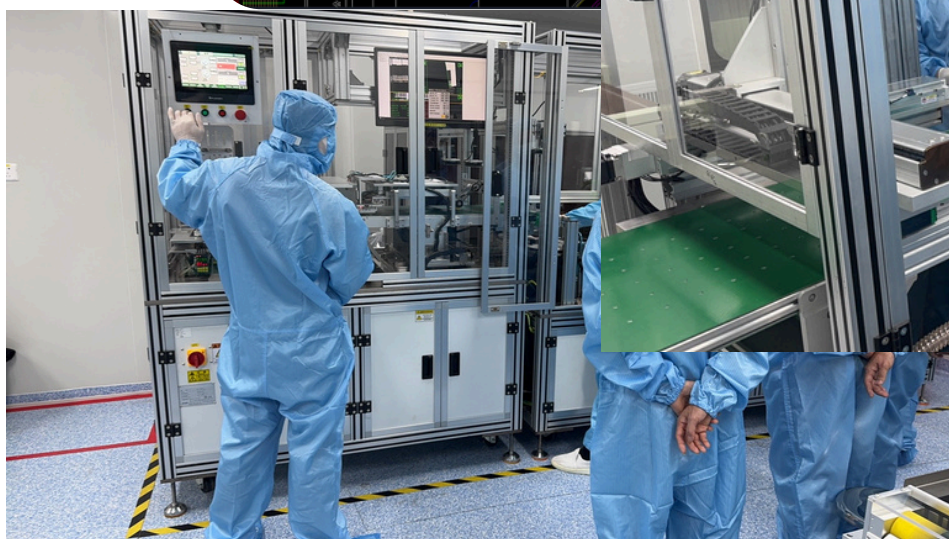
远程技术支持 / Remote Technical Support



设备安装调试 / On-site Commissioning



升级与维护 / Maintenance & Upgrades



增加客户培训的现场图





## 8、生产实景/ Manufacturing Environment





## 9、联系我们 / Contact Us

📍 厦门总部（研发与制造基地）

福建省厦门市集美区

R&D & Manufacturing Base - Xiamen, China

🏭 杭州工厂（精密制造中心）

浙江省杭州市萧山区

Manufacturing Base - Hangzhou, China

🏢 上海营销中心（服务中心）

上海市闵行区

Marketing & Service Center - Shanghai, China

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“Building the Future of Diagnostics.”  
共筑体外诊断的未来