



## Smart Assembly Solutions made in China.

ixmation CHINA Company profile.

## 智能化组装解决方案

ixmation CHINA 公司介绍

**ixmation**  
CHINA

# Recognized in four strong industries worldwide. Flexibility and Competence. From ixmation.



Automotive/Transportation



Medical Devices



Photovoltaic/Solar



Consumer Goods

## Assembly Automation

- └ Breaking systems
- └ Door modules
- └ Car seats
- └ Air conditioning
- └ Electronic devices
- └ Powertrain
- └ Exhaust systems
- └ Fuel supply systems
- └ Lighting systems
- └ Suspension/steering systems

- └ Drug Delivery systems/devices
- └ Injections
- └ Surgicals
- └ Non-Surgicals
- └ Diagnostics
- └ Pharmaceuticals
- └ Nuclear medical systems
- └ Neurological devices

- └ Photovoltaic
- └ Solar panels
- └ Solar tubes
- └ Crystal grow
- └ Wafers
- └ Thin film
- └ Flexible film
- └ Stinger interconnect
- └ Concentrated solar power

- └ Power tooth brushes
- └ Power savers
- └ Non-prescriptions
- └ Hand/Power tools
- └ Personal care products
- └ Contact lenses
- └ Hearing aids
- └ Cartridges for inkjet printers

## Testing Systems

- └ Fuel injection systems
- └ Fuel high pressure pumps
- └ ABS
- └ Hose Testing
- └ Turbo chargers
- └ HVAC Systems
- └ Complex Die Casting
- └ Air conditioning
- └ Rim/Wheel testing

- └ Dental implants
- └ Medical instruments
- └ Bone screws
- └ Medical tubes
- └ Medical Packaging
- └ Cannulas
- └ Pressure Gauges

- └ Compressors
- └ Low/high voltage electronics
- └ Battery parts
- └ Fuel cells

- └ Power tools
- └ Parts for watches

### ixmation – your partner for Assembly and Testing Automation.

ixmation is one of the leading providers worldwide of automated assembly and testing solutions, serving continental and global industry clients.

ixmation provides high-quality tailored solutions, with full operations capabilities and service support that covers every need, is available at all ixmation facilities.

### All from one source: assembling and testing. The ixmation portfolio covers the entire production process.

- └ ixmation provides top-quality service for the benefit of all customers in three continents
- └ Highly economical standards solutions
- └ Tailored, customer-oriented solutions

# 强力主导全球四大优势产业 ixmation雄厚的专业实力



汽车/交通工具



医疗设备



光伏/太阳能



快速消费品

- 「汽车传动系统
- 「车门模块
- 「汽车座椅
- 「空调部件
- 「电子设备
- 「动力传动系统
- 「排气系统
- 「燃料供应系统
- 「照明系统
- 「悬空/转向系统

- 「药物输送系统
- 「注射器
- 「外科手术器械
- 「非外科手术器械
- 「诊断仪器
- 「制药系统
- 「核医疗系统
- 「神经系统设备

- 「光伏
- 「太阳能电池板
- 「太阳能电池管
- 「晶体生长炉
- 「晶片
- 「薄膜电池片
- 「柔性薄膜
- 「焊带焊接
- 「太阳能发电系统

- 「电动牙刷
- 「节能系统
- 「非处方制品
- 「手动/电动工具
- 「个人护理产品
- 「隐形眼镜
- 「助听器
- 「喷墨打印机墨盒

自动化组 装系统

- 「燃油喷射系统
- 「燃油高压泵
- 「ABS防抱死刹车系统
- 「软管测试
- 「涡轮增压器
- 「暖通空调系统
- 「复杂压铸
- 「制冷系统
- 「环/轮测试

- 「牙种植体
- 「医疗器械
- 「骨钉
- 「医疗管
- 「医药包装
- 「套管
- 「压力表

- 「压缩机
- 「低/高电压电子产品
- 「电池组件
- 「燃料电池

- 「电动工具
- 「手表零件

检测系统


ixmation—自动化组装及测试领域的首选合作伙伴

ixmation是全世界范围内提供自动化装配及测试解决方案的领跑企业之一，以其高质量定制化的项目方案服务于全球各行业客户

公司全球化的业务能力及精湛的技术支持保证了ixmation各分公司都能随时随地为您提供最优质的自动化服务

ixmation秉承初衷万事同源，内容涵盖从组装到测试整个生产流程

- 「ixmation向全球三大洲客户提供最优质的服务
- 「经济实惠的标准化解决方案
- 「量身定做以客户要求为导向的解决方案



**State of Art made in China.  
By ixmation.**

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ixmation (Suzhou) Co., Ltd. Established in 2002 at Suzhou Industrial Park. Our Tianjin branch was founded in 2008 to provide better support for the North China market. Applying our vast experience, we design and manufacture automatic assembly and testing equipment, based on each customer's requirements, for the automotive, electrical and medical industries. With continuous innovation and commitment to the automation industry, ixmation (Suzhou) Co., Ltd. was awarded the prestigious ISO 9001:2008 certification.

### **Turnkey Solutions and Build To Print**

ixmation CHINA maintains an engineering design database with a wide range of various process technologies, such as assembly, testing, material conveying and handling, robotics, filling and dispensing, vision inspection and measurement, winding, soldering, brazing and welding.

### **Leak Detection Systems and Vacuum Components**

Dedicated to researching vacuum technology for many years, ixmation CHINA specializes in the manufacture of custom turnkey systems for leak testing. These are used in automotive, refrigeration, air conditioning, medical and other industrial production lines around the world.

We will work with you from concept to completion, and provide the guidance, experience, and technical expertise to get the job done right.



*ECU Assembly Line*

电子控制单元组装线



*Pump Set Assembly Line*

喷雾阀组装线



*Drive Stage Sub Assembly Line*

汽车转换器部件组装

## 国内首屈一指的先进技术 ixmation强力出品



Auto. ECG Assembly & Test Machine 全自动组装测试机



HLDS with Helium Recovery 可回收氦检测系统



Ignition Coil Assembly Line 高压点火线圈组装产线

卓越（苏州）自动化设备有限公司于2002年进驻苏州工业园区。为了更好的服务中国华北市场，于2008年成立了天津分公司。ixmation多年专业的设计研发经验，可根据客户要求，为汽车、电器、医疗行业及可替代能源领域设计并生产自动化组装及测试设备。凭借不断创新，致力于自动化领域的专业提升，卓越（苏州）自动化设备有限公司已经通过ISO9001专业认证

### 交钥匙及按图制作方案

ixmation 中国分公司为各种工艺的工程技术建立了强大的数据库，如自动化装配，功能测试，物料输送及处理，机器人手臂应用，灌装及点胶，视觉检测，微量测量，绕线，焊接及硬钎焊等

### 泄漏检测系统和真空器件

凭借多年专业真空技术的研究，ixmation中国专门从事于定制各个领域的泄漏检测系统，如汽车系统，冰箱，空调，医疗及其他工业，为世界各地客户提供最优质的专业技术服务

承诺从方案制定到逐步开展项目，我们都会为您提供专业的技术支持，应用指导直至项目的圆满完成

## Your request – our solutions. Build To Print. With ixmation.

- ✔ **Bill of ownership and management**
- ✔ **Component localization for competitive cost advantages**
- ✔ **Design collaboration for future generation equipment**
- ✔ **Sourcing and supply chain management**
- ✔ **Project and equipment manufacturing management**
- ✔ **Value added equipment pre-shipment – buy-off**

The ixmation CHINA Build To Print (BTP) division provides manufacturing solutions, delivers quality products and serves large OEMs. Outsourcing of mass manufacturing is a need of OEMs and their global product expansion as well as margin improvement.

With years of experience across automotive and semiconductor industries, ixmation CHINA (BTP)

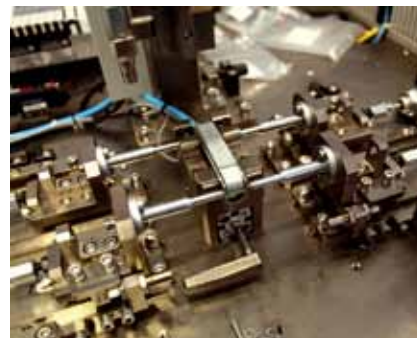
has the capacity to assemble and integrate sensitive, precision electrical and mechanical components.

ixmation CHINA (BTP) is your partner, providing a nonstop source of equipment or module manufacturing, assembly, design improvement, technical collaboration and project management. A wide supplier base and world-wide partnerships allow second sourcing to reduce cost.

Our customers also benefit from our automation assembly engineering. Improve your margin and keep your equipment price competitive by switching to BTP. ixmation CHINA handles your project management and engineering while you focus on your business and markets.



Winding Station  
绕线机



Seat Belt Assembly  
安全座椅组装



Lens Crimping Assembly  
车前大灯组装

## 您的需求—我们的解决方案 ixmation 为您量身定做

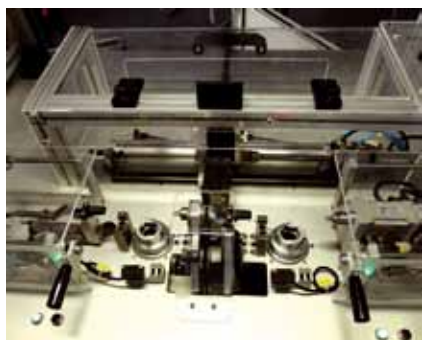
- 充分掌握并完善技术要求
- 全球化采购极具竞争优势
- 集思广益预留设备升级空间
- 完善的采购及供应链管理
- 有序的项目及设备制造管理
- 独有的特色增值服务

ixmation CHINA 可按图设计多种制造解决方案，为各大OEM公司提供优质的产品和技术服务。外包业务在保证全球市场份额扩大的情况下同时提高了其产品利润率

随着在汽车行业及半导体行业经验的逐年累加，ixmation CHINA 有能力组装并集成各类精密电子部件及医疗器械

ixmationCHINA是您在模块制造，组装，设计改进，技术合作，项目管理等方面的首选合作伙伴。ixmation广泛的供应资源及全球的生产基地有效降低您的生产成本

我们的客户始终是自动化组装工程的最大获益方。提高利润率的同时增强公司硬件设备竞争力。客户只需集中精力开拓业务市场。ixmation CHINA为您管理好各工程项目，解决后顾之忧



Check, marking & packaging station  
功能检测设备



Auto-Feed Mechanism  
自动上料机



HV (High Voltage) Cap Assembly  
高压电容组装

# testero™ sensor shaft measuring machine

## Reliable shaft control. By ixmation.

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- └ High precision measurement with a resolution of 0.0001mm
- └ Focus on customer's specification
- └ 100% qualified shaft production products
- └ Tailored, customer-oriented solutions
- └ Fast cycle time, high productivity
- └ Appropriate design for single operation

### Procedure

Shaft manufacturers: Want to be sure your production batches meet a 100% quality standard? The ixmation testero™ sensor should be placed close to your lathes. The ixmation testero™ sensor combines easy handling with high-quality detection of both inner and outer shaft diameters.

### Application

The ixmation testero™ sensor is tailored to each customer's specification. This easy-to-handle testing device is applicable to all industries related to shaft manufacturing:

- └ Automotive parts
- └ Motorbike spare parts
- └ Medical devices
- └ Lighting industry
- └ Heavy industry

The ixmation testero™ sensor is handled by a single operator, who places the shafts into the brackets of the machine and takes them out after the cycle is completed. A quick check to the screen, and the operator knows if the shaft has passed inspection.

The compact design of the testero™ sensor allows easy placement on the shop floor. The enclosed housing of the electrical cabinet and the touchscreen of the steering system make this device easy to maintain. It's an eye catcher on your production floor and improves your process flow at the same time.

- └ Database/Traceability
- └ Number of good parts
- └ High technology – easy handling

During the 4-cycle testing process, high-precision digital probes and air gauges measure shaft diameter, circularity, eccentricity and other features specified by the customer. On a display screen, the operator can easily identify whether each shaft meets the measurement requirements. Production security and efficiency with the ixmation testero™ sensor also improves delivery times.

The ixmation testero™ sensor is available in different designs, with performance and finish depending on customer requirements. An ideal solution for manufacturers supplying their global customers with high-quality shafts.



Overall View of Shaft Measuring System  
全景图



Loading Area and Measuring Sensors  
置放区及传感器

# 轴类产品精密度检测机

## ixmation 为您精准把握

- └ 高精度测量仪器0.0001mm
- └ 专注于客户需求
- └ 适用多种轴类产品
- └ 以客户要求为导向
- └ 速度快高效检测
- └ 单人操作的完美设计

### 测试流程

无论何时何地，只需将ixmation出品的高精度检测机置于设备旁边，即可轻松检测出轴类产品是否100%符合质量要求。ixmation 高精度检测机内置传感器，可同时测量产品内外直径

### 适用范围

ixmation 的高精度检测机依据客户要求量身定做，几乎各工业领域轴类产品都可应用，可涵盖如下范围：

- └ 汽车零部件
- └ 快速消费品零件
- └ 医疗仪器
- └ 轻工业
- └ 重工业

ixmation 的高精度检测机仅需一名操作员工，将产品放进机器内部，旋转周期结束取出之后，即可从外置的显示器上读取产品检测结果，其数据直接反映产品为良品或次品

内部紧凑的设计保证机器小巧存放车间内部，后部封闭的电控柜及高置的触摸屏设计易于机器的后期维护及保养，同时也方便操作人员的检测过程

- └ 产品可追溯性
- └ 良品率一目了然
- └ 操作简单

在数字测量探头测量过程中，经过旋绕4周的检测，空气压力表可检测出轴类产品的直径，同轴度，偏心率以及客户指定要求的其他需测量数据。同时不良产品将被机器自动排除至不良品区，此检测机有助于高效工作

ixmation 出品的检测机可依据客户要求多种设计，为全球的轴类产品制造商提供了完美的检测解决方案



testero™ sensor  
Shaft Measuring  
Station  
检测机



Shaft Loading Fixture  
轴产品置放架



Measuring Sensor  
精密测量传感器

# Smart automated assembly solutions. Dominate the future. With ixmation.

- ✔ Dedicated co-location resources
- ✔ Coordinating cohesive project schedules
- ✔ Global footprint for your international projects

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*HLCS Headlamp Cleaning System*  
车前大灯自动清洗系统



*APS (Accelerate Pedal Sensor) Assembly Line*  
油门踏板组装线



*Trigger Assembly*  
日用品喷壶泵组装机

## **ixmation – your assembly automation production partner**

ixmation has established strong foundations in the assembly market over the last decade. We provide companies with a global footprint a complete turnkey environment, from design to manufacture.

These full services have laid the groundwork for ixmation's success in the assembly automation landscape. Today's production market needs are demanding and often include simultaneous product finalization, development, and testing while the initial production lines are being realized.

## **ixmation – your future business partner**

Ixmation has been successful in meeting the demanding goals of today's world for automated assembly technology.

ixmation, in close coordination with our customer, builds prototypes and proof-of-principle platforms, helping to prove out critical processes. ixmation limits the number of variables, assisting in solutions for your production puzzles.

# 智能组装解决方案 ixmation 掌控未来

- └ 全球资源即时共享
- └ 团结协作保证项目进度
- └ 全球分公司支持国际项目



*Seal Trimming Assembly Station*  
油封切割组装线

## ixmation –

### 全程为您解决自动化生产方案

在过去的十几年中，ixmation已经在自动化装配市场积累雄厚的技术经验，为多家全球化公司提供了完善的交钥匙方案，深受客户好评

热忱而周到的服务为ixmation在自动化组装行业的成功打下了良好的基础，如今的市场需求已渐渐趋于精细化，包括产品定型，组装测试等一系列要求，从而最初的产线式生产也渐渐成为现实

## ixmation – 您永久的生意合作伙伴

ixmation 已满足当今世界自动化装配行业的多种需求，获得巨大成功。ixmation 与客户紧密合作，创建多种有据可依的标准模板以助于更好的完善管理程序

ixmation 控制项目过程中可变因素，协助客户为其生产难题提交完美答案



*Combined Seat & Backrest Assembly*  
汽车座椅靠背生产线



*Conductor Welding Machine*  
导体焊接机

# Strong in sniffing. Leak Detection Systems. By ixmation.

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Test Method		Approximate Leak Detection Ranges													
Helium Leak Test		[Range: 10 to 10 <sup>-12</sup> ]													
Acoustic		[Range: 10 to 10 <sup>-3</sup> ]													
Bubble Testing		[Range: 10 to 10 <sup>-4</sup> ]													
Pressure Decay		[Range: 10 to 10 <sup>-4</sup> ]													
Halogen Sniffer		[Range: 10 <sup>-1</sup> to 10 <sup>-6</sup> ]													
		10	10 <sup>0</sup>	10 <sup>-1</sup>	10 <sup>-2</sup>	10 <sup>-3</sup>	10 <sup>-4</sup>	10 <sup>-5</sup>	10 <sup>-6</sup>	10 <sup>-7</sup>	10 <sup>-8</sup>	10 <sup>-9</sup>	10 <sup>-10</sup>	10 <sup>-11</sup>	10 <sup>-12</sup>
<b>Medical</b>	Pacemakers Catheters														
<b>Research</b>	Nuclear Fusion Particle Accelerators														
<b>Aerospace</b>	Engines Antennas														
<b>Electrical</b>	Bulbs Circuit Breakers														
<b>Semi Conductors</b>	Vacuum Systems Gas lines														
<b>Aircraft</b>	Hydraulic Components Wings														
<b>Food Packaging</b>	Blisters														
<b>Automotive</b>	HVAC Units Die Cast Housings														

Leak rate in Atmosphere: cm<sup>3</sup>/second or mbar.l/s



testero™ Helium Single Chamber  
单仓氦检机

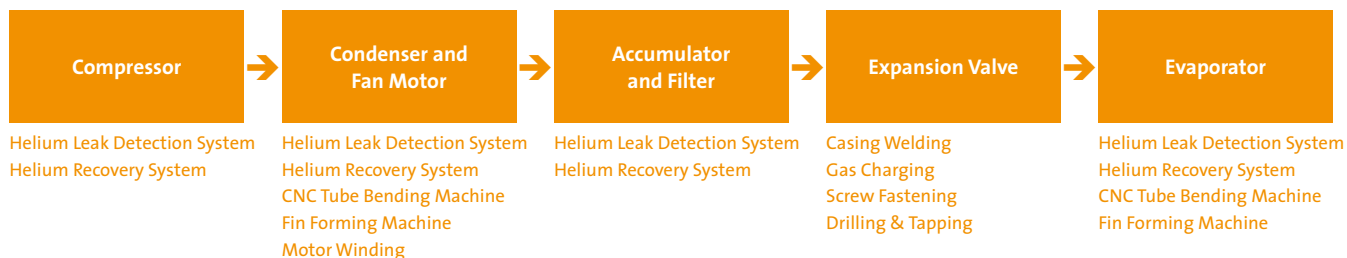


testero™ Helium Double Chamber  
双仓氦检机



testero™ Helium Triple Chamber  
三仓氦检机

# 灵敏高精度仪器 ixmation自主研发泄漏检测系统



## 检测范围

ixmation的双仓氦检测测试机可适用于冷凝器，蒸发器，接收机，烘干机，压缩机，铸件等方面的泄漏检测。基于综合的传送系统，可精准完成高输出的泄漏检测。检测方法

## 检测方法

空气及氦气泄漏检测是传统意义上的大泄漏及微泄漏检测方法。针对于半导体行业，管堵塞医疗器件，汽车行业等ixmation还提供压力衰减测试仪，真空脱气系统等检测方法。同时提供适用于汽车行业内管道及软管总成的压力疲劳检测

## 卓越经验

ixmation在氦检质谱仪，真空泄漏设备方面拥有丰富的技术经验，可为全球客户提供精湛的技术指导及热忱的售后服务帮助，专业做好工业领域氦气检测系统的首选合作伙伴



testero™ Helium for Small Parts  
测试系统



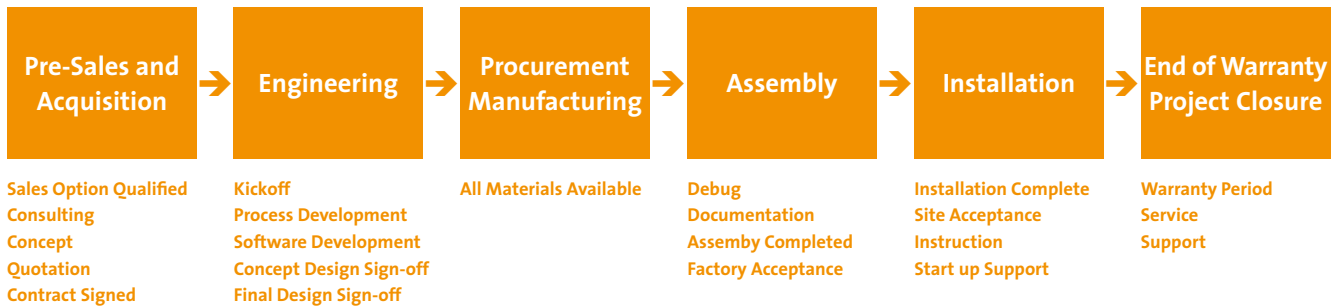
testero™ Helium Sniffing System  
过滤系统



testero™ Helium Recovery System  
回收系统

# Focus on sustained customer satisfaction. Reliable Project and Service Performance. By ixmation.

- └ “Best Practice” and Project Management Process
- └ Assuring consistency across ixmation facilities worldwide
- └ “Stage Gate” tool ensures progression by activity milestones
- └ Online customer service request form



**Regulatory Compliance**  
 NRC TÜV ISO OSHA NEMA GAMP NFPA UL SEMI FDA EPA ESD SEISMIC CE

### Engineering Services.

We specialize in solving problems. ixmation is committed to providing engineering services that offer solutions that are not only financially feasible and structurally sound, but help improve safety, reliability and profitability. ixmation provides high-quality tailored solutions, with full operations capabilities, engineering service and support that covers every need, is available at all ixmation facilities.

### Project Management

ixmation customers benefit from a seasoned automation project manager as their single point of contact. Our global footprint facilitates the coordination of multi-site globally organized projects. ixmation project managers operate within a real-time database, implemented since 1995. This tool provides accurate information to our Project Managers, allowing them to effect informed decisions in real time.

### Project Security

ixmation project security is tailored to your specification. Dedicated project teams work within encrypted/coded programs. From key-card access to hard or soft wall enclosing project build areas, ixmation ensures confidentiality. We know it is paramount, and we can safeguard it through an isolated assembly environment.



# A powerful fusion in automation. Worldwide present. With ixmation.

## conzzeta

Since 2005 ixmation has been an independent business unit of the Conzzeta Group comprised of several companies worldwide.

Conzzeta AG is an industrial holding company that invests in medium-sized companies which occupy leading positions in international niche markets. In all its activities, Conzzeta AG relies on specialization, quality, innovation and sustainable profitability as the key to success. With the interests of customers, employees and shareholders in mind, Conzzeta AG takes holdings and develops the companies within the group with a long-term perspective.

ixmation can be contacted round the clock in all industrialised regions, through representative offices or a dedicated branch.



**USA:**  
ixmation Inc.



**EUROPE:**  
ixmation AG



**MALAYSIA:**  
ixmation (Asia) Sdn.Bhd



**CHINA:**  
ixmation (Suzhou) Co.,Ltd



**CHINA:**  
ixmation (Tianjin) Co.,Ltd



## ixmation

Who is ixmation? ixmation is comprised of several companies worldwide. Each company has specific technologies that complement others within the group. This is an important aspect since the requirements of such a collaboration far exceeds traditional organizations. ixmation companies, with about 400 experts and specialists, have developed protocols that consolidate diverse knowledge into one entity. The ixmation platform is intended to serve new markets as a result.

### Our vision

ixmation, as your professional automation partner, endeavors to be the first place industry leaders call, supporting customers in continental and global markets. Our customers include automotive suppliers, machine tool builders, and manufacturers of medical devices, computers, electronics, and alternative energy sources.

### Our objective

ixmation is qualified to meet our customers high level of expectations regarding quality, precision, productivity and flexibility with custom-made, economical equipment solutions.

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