

Company Profile



KI Kingdom FLOW CONTROL CO., LTD.

Headquarters (International Dept.)

16F, 120, Jhongjheng 1st Rd., Kaohsiung 80284, Taiwan
Tel: +886-7-7713121 Fax: +886-7-7235165
E-mail: sales@kifc.com

Zhongshan Factory

No. 1, Nan-hou West Rd., Nan-tou Zhongshan City, Guangdong 528427, China
Tel: +86-760-23132179 23116839 Fax: +86-760-23110582

Fujian Factory

No. 1 Hengshan Industrial Road, Huangtian Town, Gutian County,
Fujian 352251, China
Tel: +86-593-3761598 Fax: +86-593-3762688

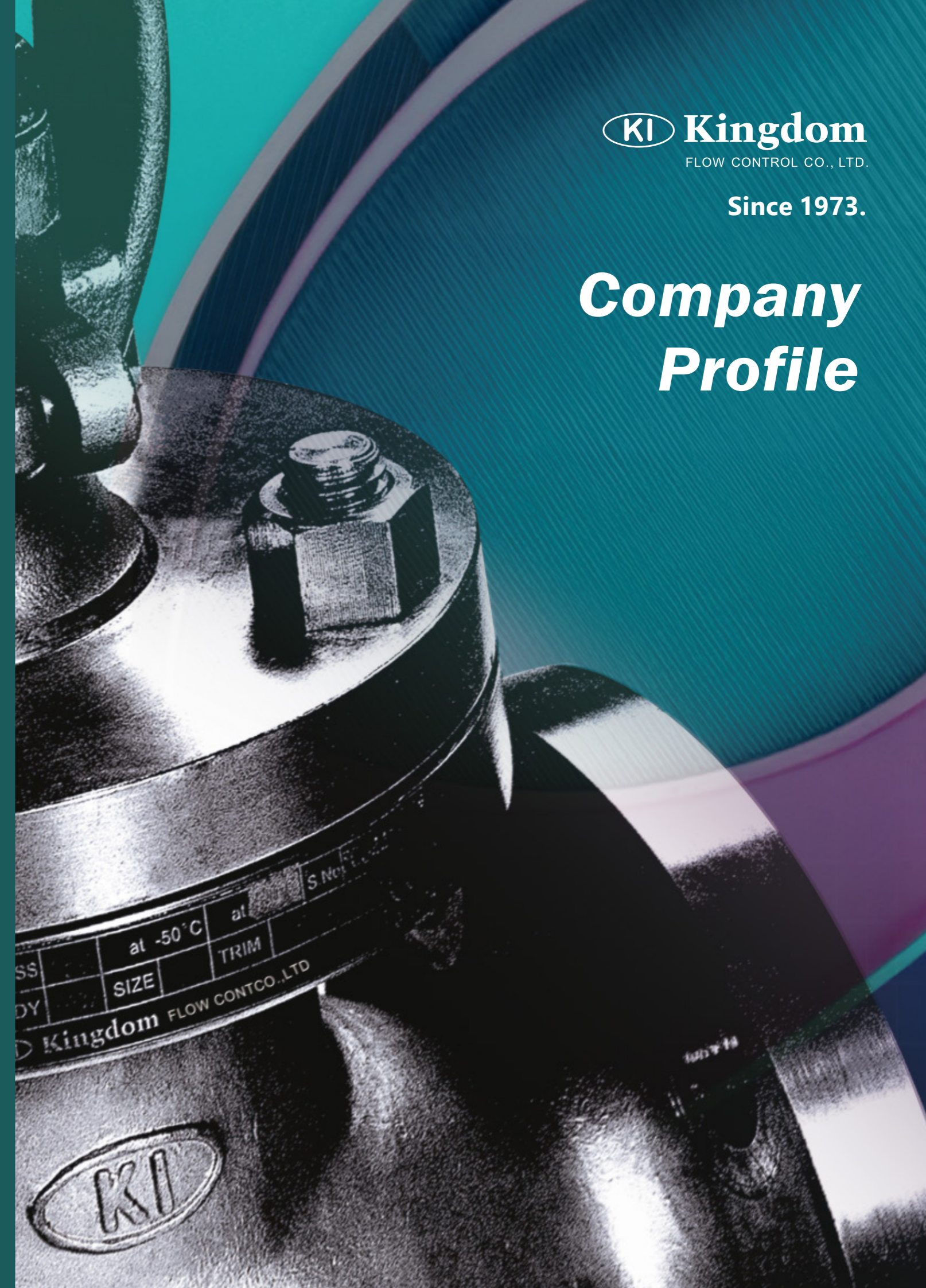
Vietnam Factory

Lot Number C-6a-cn, C-5a-cn, My Phuoc 2 Industrial Park, Ben Cat Ward,
Ho Chi Minh City, Vietnam
Tel: +84-2743-589958



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All's Well, with Kingdom.

Having served the industry for half a century, Kingdom Flow Control ("KI") has supplied products for various integrated applications across multiple sectors. KI's headquarters is located in Taiwan, with three manufacturing facilities of 100% Taiwanese-owned capital operated in China and Vietnam.

KI is a process-oriented, one-stop solution provider with an integrated manufacturing system executed through our own foundries. Our comprehensive in-house capabilities include design, casting, machining, assembly, and testing-all performed with 100% internal control to ensure consistent high quality and on-time delivery.

Complete accreditations verify that KI products and management systems comply with major international industrial standards, reinforcing our commitment to excellence and reliability.



Valves all
Solution Service



Sold to more
than **40** countries



High Quality
Certifications



More than **1,300**
employees

Company Milestones



Establish

- **Jun. 1973**, Kingdom Flow Control Co., Ltd. (Taiwan Headquarters) was established.
- **May. 1991**, Zhongshan factory was established.
- **1996**, KI passed ISO 9001 certifications.



Expansion

- **Apr. 2001**, Fujian factory was established.
- **Jun. 2003**, Kingdom Valves & Fittings Co., Ltd. was established in Zhongshan.
- **2013**, Fujian factory expansion completed.



Evolution

- **2019**, Kingdom Flow Control (Vietnam) Co., Ltd. was established.
- **2020**, KI Group Taiwan Headquarters relocated and scaled up operations (New Office).
- **2024**, KI planned and invested in new robotic arm workshop at Vietnam Factory.
- **2025**, KI Zhongshan New Factory Production Expansion (Phase I).

Kingdom Group Profile



1973

Taiwan | Headquarters

Kingdom Flow Control Co., Ltd.

- Group strategic management and planning.
- Group-wide IT integration (ERP, MES, HRM, SCM, BPM, BI).
- Centralized procurement leadership.
- Global sales and marketing operations.



1991

Zhongshan, China | Valve R&D Center

Kingdom Flow Control Co., Ltd.

- Land Area: 79,000 m²
- Workforce: 600 employees
- Annual Production Capacity: 3,500 metric tons
- Core R&D hub specializing in valve engineering and product innovation.
- Driving advanced valve technologies through integrated, design, simulation, and testing capabilities.



2001

Fujian, China | Lean Manufacturing Base

Kingdom Precision Casting Co., Ltd.

- Land Area: 63,500 m²
- Workforce: 300 employees
- Annual Production Capacity: 3,200 metric tons
- Achieving superior manufacturing results through streamlined processes and optimized resource utilization.



2019

Vietnam | Smart Manufacturing Hub

Kingdom Flow Control (Vietnam) Co., Ltd.

- Land Area: 71,000 m²
- Workforce: 400 employees
- Annual Production Capacity: 3,600 metric tons
- Advanced automated production lines featuring robotic arms and shell molding systems with integrated casting and machining automation.

Product and Technology

Comprehensive Product Portfolio and Material Versatility



Kingdom specializes in delivering **comprehensive flow control solutions**, including precision-engineered ball valves, gate valves, globe valves, check valves, control valves, butterfly valves, pipe fittings, quick couplings, advanced pneumatic and electric actuators, plus a full range of complementary accessories.

Production Technology



Casting Capacity

- 3 Factories / 10,000 MT Per Year



Maximum Casting Weight Per Piece

- 100 Kilograms



Minimum Casting Wall Thickness

- 1 mm



Available Materials

- Compliant with ASTM, DIN and JIS Standards



Casting Surface Roughness

- Ra 3.2 ~ 6.3 μm



Surface Roughness after Machining

- Ra 0.4 ~ 3.2 μm



Material Available

Stainless Steel

- ASTM, AISI
CF3 (304L), CF3M (316L), CF8 (304), CF8M (316), 347, Duplex Stainless Steel (CN7M, CD3MN), 317, 317L, 321, 431, 430, 410
- JIS
SCS13A, SCS14A, SCS23, SCS16A, SCS19A
- DIN
1.4308, 1.4404, 1.4408, 1.4470, 1.4306, 1.4304

Alloy Steel

- WC5, WC6, WC9, C5, C12, LC3

Carbon Steel

- ASTM
WCB, WCC, LCC, LCB
- JIS
SCPH2, SC450, SC480
- DIN
1.0619, 1.0625, 1.6220

Nickel Alloys

- Monel (M35-1, M35-2), Hastelloy B and C

Product Range

Ball Valves

- 150# / 300# / 600# / PN 10-40 / JIS 10K-20K 2-PC Flanged Ends
- 3-Way / 4-Way Flanged and Screwed Ends
- 1-PC Uni-Body / Wafer Type Flanged Ends
- 1000 / 2000 WOG Screwed, BW, SW and Flanged Ends

Trunnion Mounted Ball Valves

- 150# / 300# / 600# / PN 16-100 Flanged and BW Ends

Gate, Globe, Check Valves

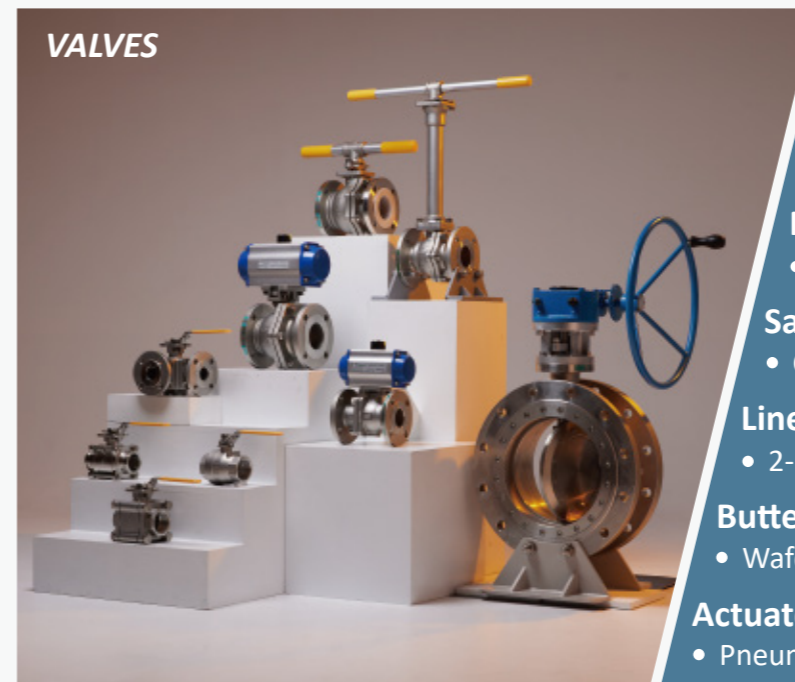
- 150# / PN 16-100 Flanged and BW Ends

Control Valves

- 150# / 300# / 600# / PN 10-40 / JIS 10K-40K Flanged, BW and SW End
- Angle / Cage / Bellows Seal Single-Seated



VALVES



Cryogenic Ball Valves

- Low temperature & Cryogenic ball valves
- 2-PC Body, Class 150/300 & DIN PN 16/40 Flanged Ends
- 3-PC 1000 WOG, Welding Ends, Full Port

Metal Seated Ball Valves

- 150# / 300# / PN 10-40 / JIS 10K-20K Flanged Ends

Sanitary Valves

- Clamp and BW Ends

Lined Ball Valves

- 2-PC Body, Class 150 / PN 16 Flanged End

Butterfly Valves

- Wafer & Flange Type 150# / 300# / PN16

Actuators & Accessories

- Pneumatic & Electric Actuators

Pipe Fittings

- 150 PSI Pipe Fittings
- Quick Couplings



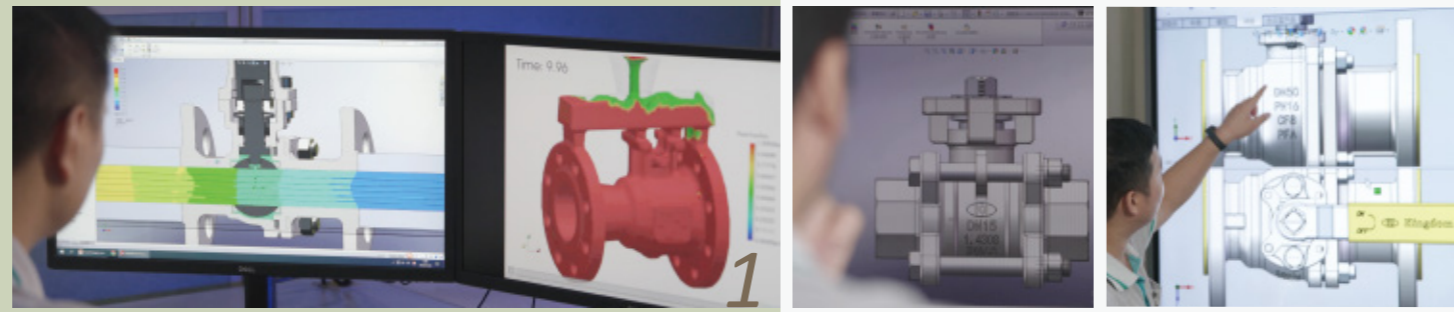
Mechanical Parts

- Special parts according to customer's drawings



► R&D Driven Excellence

Integrated Production Innovation



Kingdom excels in delivering premium valves through continuous **R&D, intelligent manufacturing systems**, and **automated foundry operations**. Our advanced quality control processes and precision-driven production optimization ensure products of exceptional reliability, accuracy, and performance.



Core R&D and Manufacturing Advantages



Research & Development Excellence

Through advanced 3D CAD design, casting simulation and digital engineering tools, KI develops high-performance valve solutions while enhancing product quality and design efficiency.



Manufacturing Advantages

KI integrates automated systems across design, casting, machining, and inspection to achieve seamless, vertically integrated production with consistent quality and delivery precision.



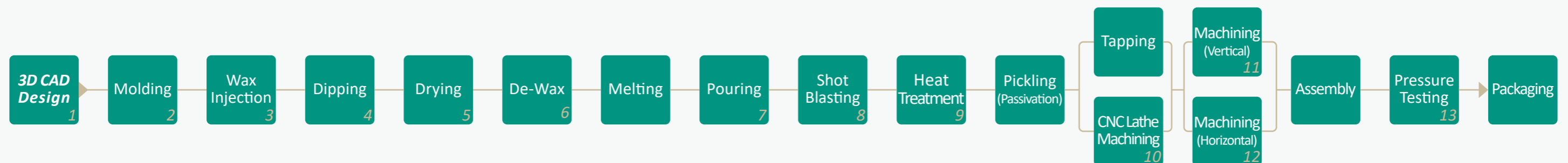
Advanced Industrial Automation

KI's smart factories feature robotic cells, automated machining lines, and real-time production monitoring. Paperless and data-driven processes enable high-efficiency manufacturing for both large-scale and custom orders.



Kingdom's Manufacturing Automation Control Interface

Main Production Process



► Professional Inspection

Assure High-Quality Products



Kingdom maintains *a state-of-the-art quality control laboratory* equipped with comprehensive product verification capabilities.

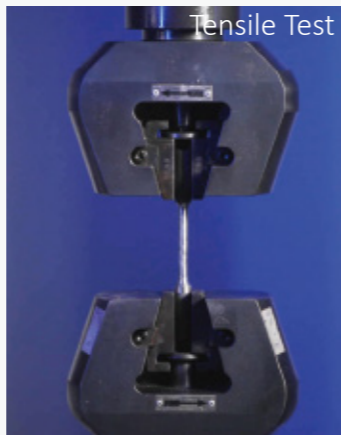
Our laboratory excels in various analyses, including *material composition, microstructure examination, mechanical property assessment, and precise dimensional measurements.*



(MT) Magnetic Test



(PT) Penetrant Test



Tensile Test



Pressure Test



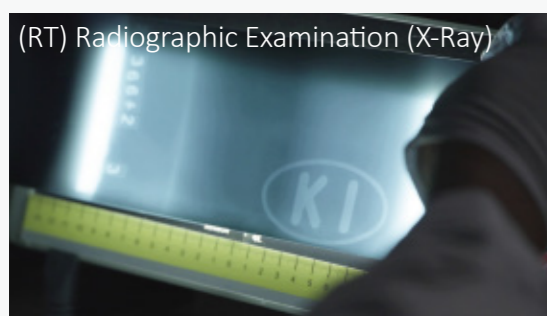
Black Light Inspection



Helium Mass-Spectrometer



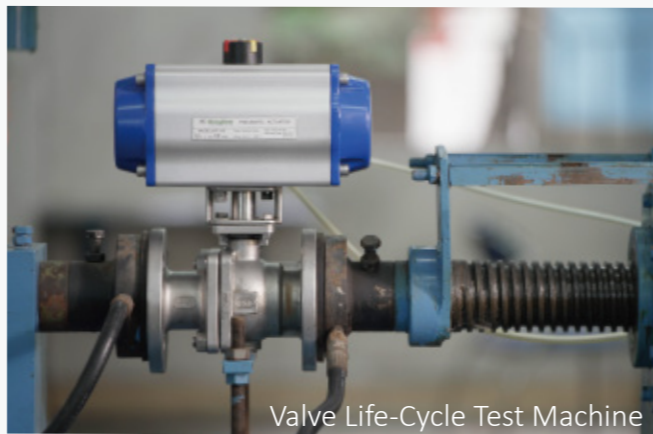
Charpy Impact Testing Machine



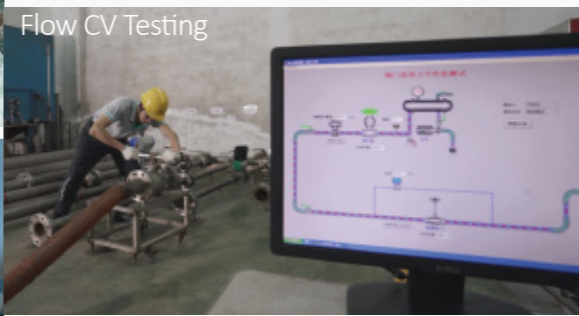
(RT) Radiographic Examination (X-Ray)



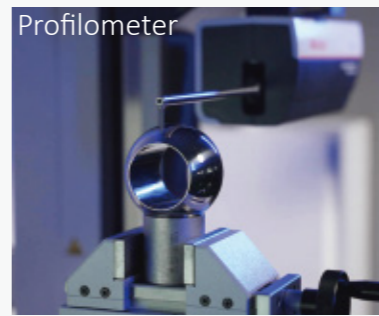
(UT) Ultrasonic Test



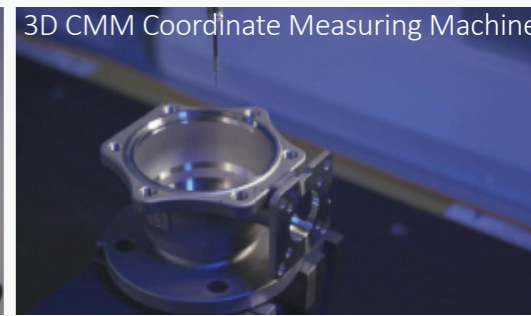
Valve Life-Cycle Test Machine



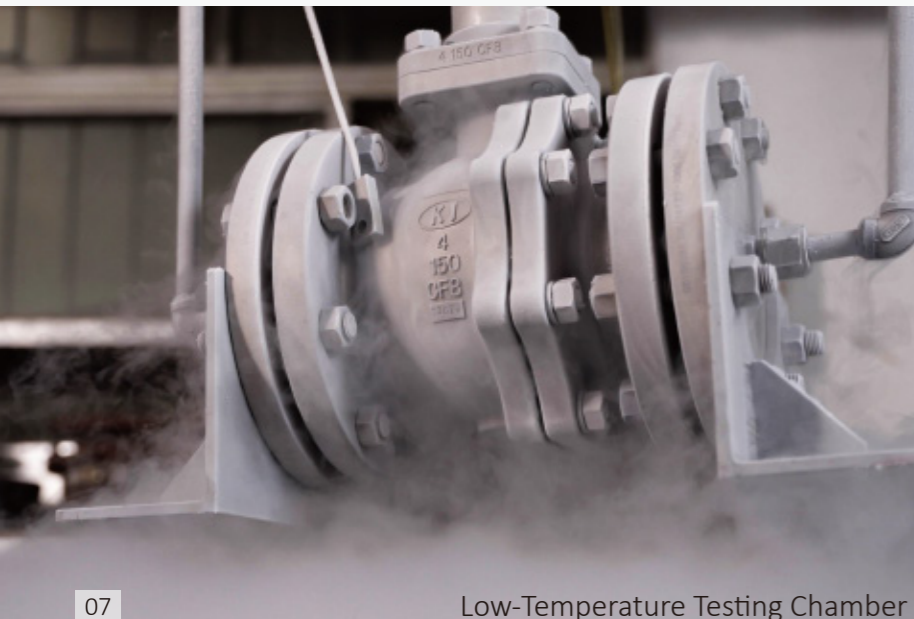
Flow CV Testing



Profilometer



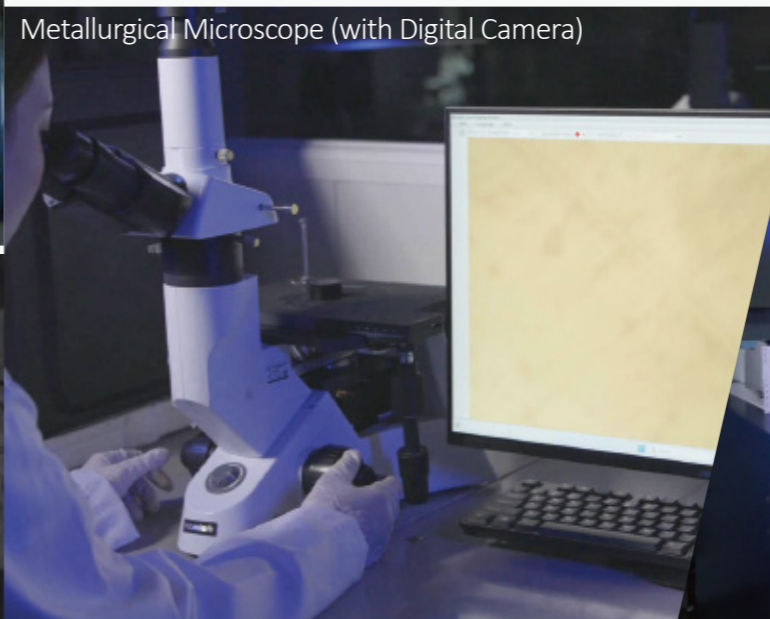
3D CMM Coordinate Measuring Machine



Low-Temperature Testing Chamber



Fire Safety Test



Metallurgical Microscope (with Digital Camera)



Spectrometer

► Our Commitment

Exceeding Customer Expectations



► Applications

Serving Various Industries



Professional Competence and Trusted Experience



Rapid Response Times



On-Time Deliveries



Unparalleled Expertise



ESG for Future

Approval and Certification

- ISO 9001 / 14001 / 45001
- ISO 15848-1 / TA-Luft / API-641
- PED 2014 / 68 / EU Annex III, Module H
- API 607 / ISO 10497 (Fire Safe)
- AD 2000 Merkblatt W0 / A4 / HPO
- Lloyd's Register Casting Approval
- DNV Casting Approval
- BV Marine & Offshore
- CRN
- TR CU 010
- EN 14432
- ATEX
- CCS
- SIL 3
- 3-A Sanitary Certified
- KGS AA318

Kingdom offers a diverse range of products customized to meet specific customer requirements, suitable for various applications including **general fluids, high-pressure fluids, steam applications, high-temperature fluids, low-temperature refrigerants**, as well as **petroleum and natural gas**.

These products are designed to operate effectively under stringent conditions and are widely utilized in industries such as **petrochemicals, chemicals, pharmaceuticals, semiconductors, power generation, renewable energy, and mechanical engineering**.



PED 2014 / 68 / EU Annex III Module H

Lloyd's Register Casting Approval

ISO 9001

DNV Casting Approval

AD 2000 Merkblatt HPO & W0

