

NDLTEK NEW ENERGY
PRODUCTS BROCHURE



PROFESSIONAL DESIGN — CUSTOMIZED SERVICE

NDLTEK NEW ENERGY
DESIGN IN 2025.01

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Professional design — customized service



Professional design — customized service

A ***NDLTEK NEW ENERGY PROFILE***

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NDLTEK is headquartered at No. 1 Haier Road, Laoshan District, Qingdao. The group focuses on providing intelligent equipment and services for high-end beer and beverage production. For many years, we have offered comprehensive services, including plant design, manufacturing, installation, commissioning, after-sales support, training, and energy-saving & emission-reduction technical modifications, to leading brewing companies such as Tsingtao Beer, AB InBev, China Resources Beer, Yanjing Beer, and Carlsberg. We have the expertise to deliver complete equipment sets and integrated systems for breweries.

NDLTEK is a leading domestic manufacturer of stainless steel containers, providing safe and reliable storage and transportation solutions for the chemical industry. The company has successfully delivered secure, stable, and trustworthy storage and transportation services to prominent chemical enterprises, including Mesnac Co., Ltd. and Shida Shinghwa Advanced Material Group Co., Ltd.

Dezhou Production Base: The facility spans 50,000 square meters and is equipped with modern production capabilities, employing over 200 staff members.

Qingdao Production Base: The Qingdao facility covers an area of 36,000 square meters and employs more than 130 staff members.

The company is equipped with a wide range of advanced production equipment, including automatic laser cutting, automatic laser welding, gantry laser welding, laser cutting and welding machines, and CNC bending machines.

The company has implemented a comprehensive ERP management system and has obtained certifications including the Export Dangerous Goods Packaging Manufacturer Qualification, Grade II General Contractor Qualification for Mechanical and Electrical Installation, Safety Production License, DI/DII Pressure Vessel Certification, and GC2 Pressure Vessel Pipeline Installation Qualification.

The company has earned certifications including ASME-U and NB for the U.S. mechanical industry, CE for the European Union, as well as ISO 9001 for Quality Management, ISO 14001 for Environmental Management, and ISO 45001 for Occupational Health and Safety. It holds numerous invention and utility model patents and has been recognized as a National High-Tech Enterprise and a Specialized, Refined, Special, and New Enterprise in Shandong Province. Additionally, it serves as a practical training base for several universities, including Qilu University of Technology and Shandong University of Technology.

With overseas offices in the United States, Canada, and the United Kingdom, we provide reliable products and comprehensive services to clients in the global chemical industry.

By continuously improving the quality of our products and services and enhancing our delivery capabilities, we aim to strengthen the company's market competitiveness and create greater value for our customers.



• *Rich Experience*

The company specializes in the design, development, and production of stainless steel ton containers and various stainless steel vessels used in lithium batteries for storing lithium salts and electrolytes. Leveraging over 10 years of customer service and intelligent equipment manufacturing experience, we integrate advanced technologies from both domestic and international sources. With a customer-centric approach, we provide customized solutions and tailored design services for intelligent chemical production lines. Our products are characterized by a rational structure, excellent cost-effectiveness, superior performance, and extended durability, consistently earning positive feedback from clients.

Our stainless steel ton barrels, insulation tanks, mixing tanks, storage tanks, and automated production lines are widely used in industries such as new energy batteries, chemicals, pharmaceuticals, and food. We have established long-term partnerships with renowned domestic and international companies, achieving consistently strong market sales.

Professional design — customized service

• *Globalservice Team Coverage*

CANADA

7475 Boul. Newman, Suite 510
Lasalle, QC H8N 1X3 Canada
Tel: +1 418-998-3156

UNITED STATES

1420 Washington Blvd. Suite #301
Detroit, MI 48226
Tel: +1 248-850-8275

FRANCE

SARL TINA
3 rue des Écoliers
86120 Berrie, France
Tel: +33 (0)6 01 74 11 96

UNITED KINGDOM

25a Orgreave Drive
Sheffield, UK, S13 9NR
Tel: +44 01142-699080

CHINA

NDLTEK HEADQUARTERS

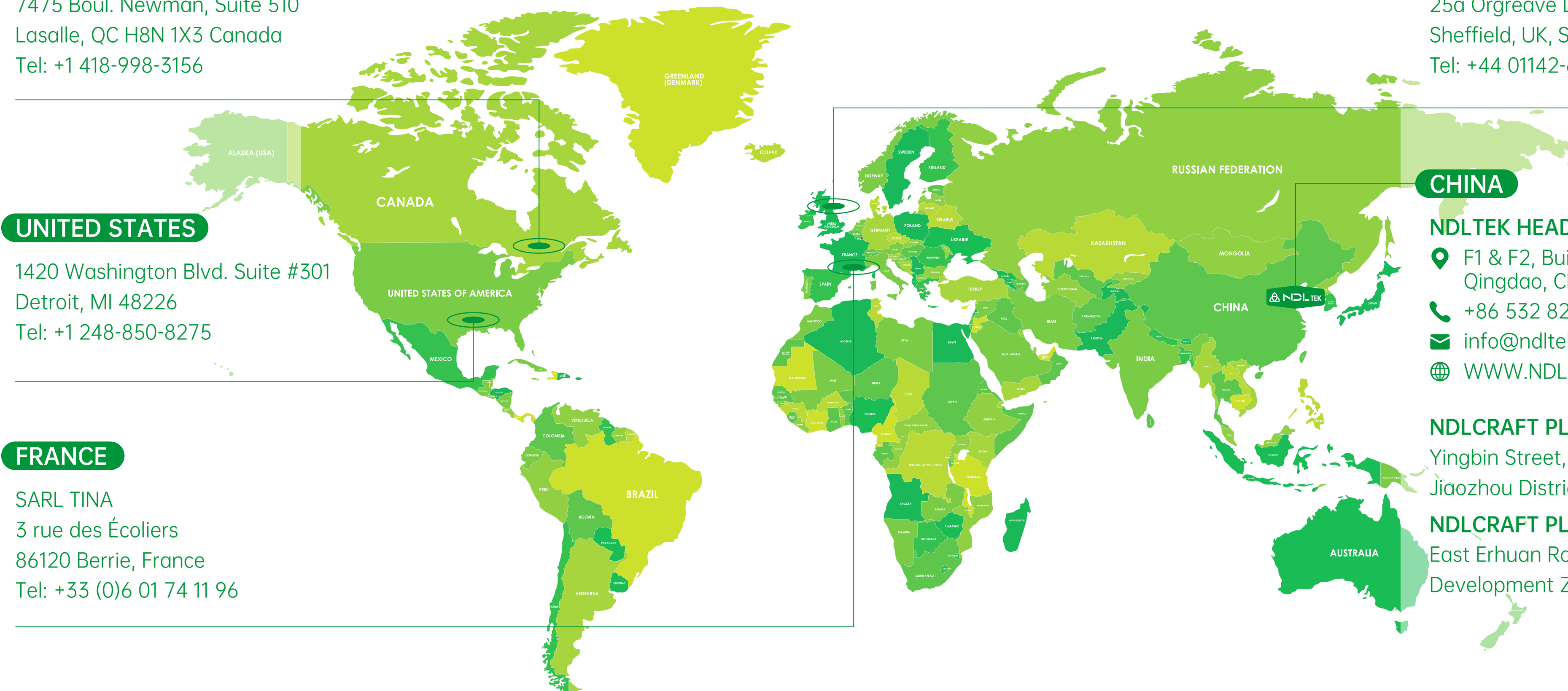
F1 & F2, Building E,1# Haier Road,
Qingdao, China
 +86 532 8203 0362
 info@ndltek.com
 WWW.NDLTEK.COM

NDLCRAFT PLANT 1#

Yingbin Street, Ligezhuang Town,
Jiaozhou District, Qingdao, China.

NDLCRAFT PLANT 2#

East Erhuan Road, Pingyuan Economic
Development Zone, Dezhou, China.





GROUP BRAND ENDORSEMENT

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• *Modern Production Equipment*

- The company has a series of advanced production and testing equipment such as laser cutting, automatic welding, automatic mechanical polishing, CNC pipe bending machine, spectrometer, X-ray detector, etc.
- The company has invested in the construction of a modern production workshop with an area of nearly 30,000 square meters, and organizes production in accordance with European and American technical standards and quality standards.



Automatic laser cutting equipment



Automatic longitudinal seam welding machine



Automatic circular seam welding machine



Automatic head opening cutting equipment



Automatic circumferential seam polishing machine



Automatic laser tube cutting equipment



Numerical control universal pipe bender



Four-axis automatic plate rolling machine



Laser welding machine



Polyurethane Insulation Machine

• Complete Quality In Spection Process

- According to the inspection requirements, the samples are inspected for appearance and function to determine whether the products meet the mandatory standards, technical specifications, customer requirements, etc.
- The inspection results are summarized and filed as the basis for product quality.



Raw Material



Product flow detection and testing



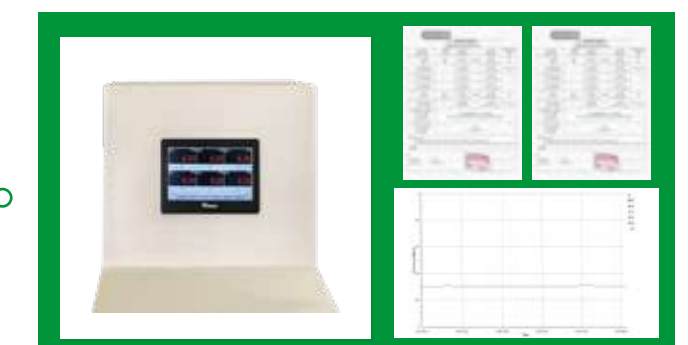
Endoscope detector



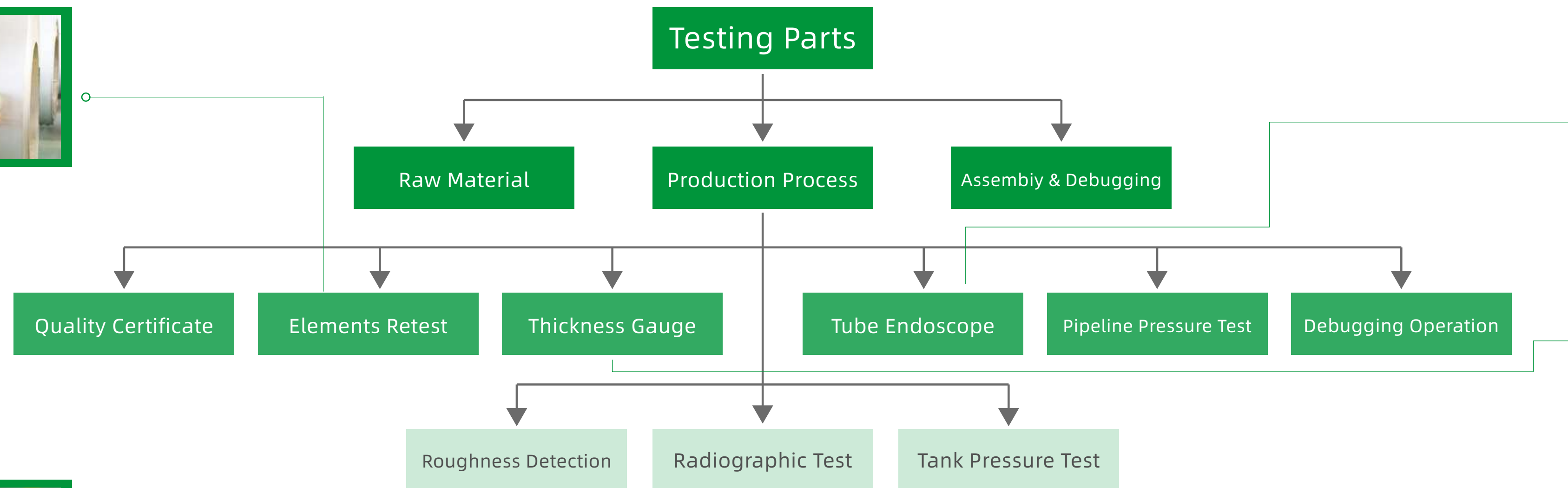
Thickness Measurement



Roughness Measurement



Tank Pressure Test



• Enterprise Qualification

- The company holds D1 and D2 level pressure vessel qualifications, GC2 pressure pipeline installation qualifications, and Grade 3 electromechanical installation qualifications.
- It is also certified under the ISO 9001:2015 Quality Management System, ISO 14001 Environmental Management System, and ISO 45001 Occupational Health and Safety Management System, along with EU CE certification and US ASME certification.

• Technical Patent Certificate

- We have remained committed to innovation and technological R&D, continuously making breakthroughs across various fields and achieving significant milestones.
- Our extensive portfolio of patents forms a solid technological barrier, allowing us to maintain a competitive edge in a highly competitive market.

中华人民共和国
特种设备生产许可证
Production License of Special Equipment
People's Republic of China
编号: TS3837E34-2026

单位名称: 青岛贝斯特酿造工程技术有限公司
住所: 青岛市四方区鞍山一路88号1724户
公司地址: 青岛市胶州市李哥庄迎宾大道

许可于项目	许可参数	备注
管道安装 (GC2)		

发明专利证书
发明名称: 螺旋叶片成型机
发明人: 金伟国, 王蒙海, 王蒙涛
专利号: ZL 2014 1 0408536.7
专利申请日: 2014年08月19日
专利权人: 青岛贝斯特酿造工程技术有限公司
授权公告日: 2016年08月24日
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局长
申长雨



营业执照
(副本)
注册资本 5110000.00 元
成立日期 2008 年 1 月 01 日
住所 山东省青岛市李哥庄迎宾大道



发明专利证书
证书号第 2203005 号
发明名称: 螺旋叶片成型机
发明人: 金伟国, 王蒙海, 王蒙涛
专利号: ZL 2014 1 0408536.7
专利申请日: 2014年08月19日

局长
申长雨





PRODUCT DETAILS

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• *Electrolyte Tank*

Primarily used for the long-term storage and transportation turnover of lithium battery electrolyte and high-purity chemicals.

Type

▶ **SD-200L**



▶ **SD-1000L Normal**



▶ **SD-1000L insulation**



▶ **SD-1000L Super**



Volume	200L	1000L	1000L	1000L
Size	φ608*990mm	1120*1120*1620	1120*1120*1720	1120*1120*1770
Body thickness	2.0mm	4.0mm	4.0mm	4.0mm

• *Electrolyte Tank*

Primarily used for the long-term storage and transportation turnover of lithium battery electrolyte and high-purity chemicals.

Our containers are made from high-grade AISI 304 / AISI 316 stainless steel. Automatic argon arc welding equipment can be pressurized to 0.6MPa. Equipped with temperature, pressure, liquid level and GPS positioning with four parameters detection and data remote transmission of intelligent terminal instrument; At the same time, the tank is installed with RFID electronic tags, which is convenient for the identification and intelligent management.

- The entire barrel body is constructed from high-quality imported 304 or 316 stainless steel plates.
- Welded with fully automated argon arc welding equipment, single-side welding and double-side forming, capable of withstanding a pressure of 0.6 MPa.
- The interior structure of the barrel is free from dead corners, ensuring no residual blockages.
- The barrel is sealed with a PTFE (Polytetrafluoroethylene) gasket.
- The liquid phase, gas phase, and cleaning ports all use ball valves with quick-disconnect fittings.
- The interior of the barrel undergoes electro-polishing, while the exterior is mechanically polished.
- The product is corrosion-resistant, rust-proof, and impact-resistant. It is stable and reliable, making it ideal for long-term storage and transportation.



• *Lithium Salt Tank*

Suitable for packaging containers of lithium hexafluorophosphate raw materials for lithium ion batteries.

Type

▶ 112L



▶ 716L



▶ 1000L



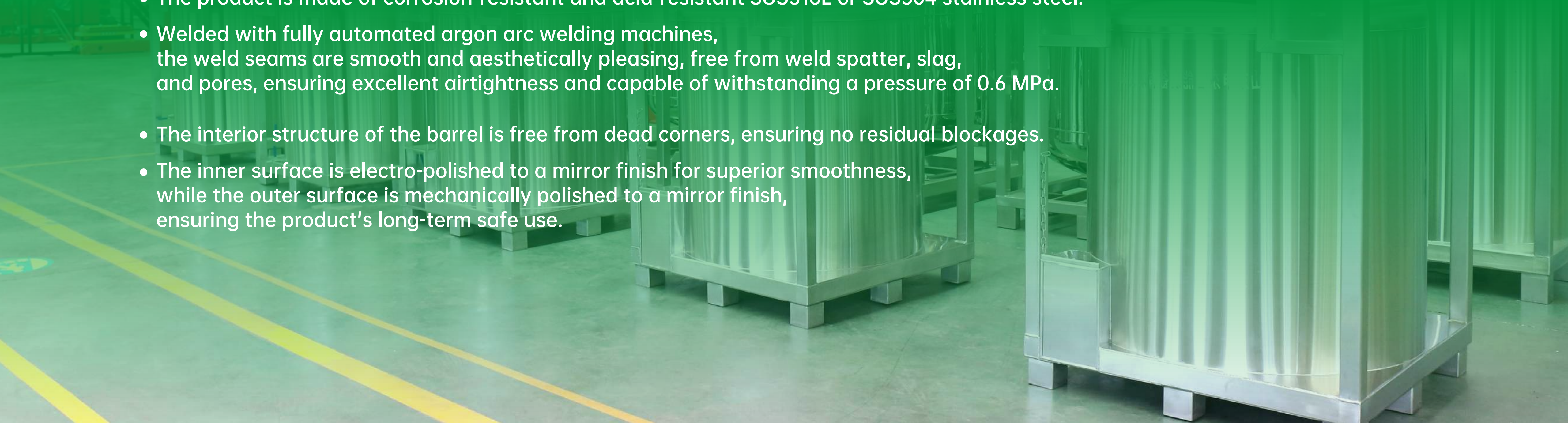
Size	φ546mm*1115mm	1120*1120*1900mm	1120*1120*2000mm
Thickness	2.0mm	4.0mm	4.0mm
valve	DN50	DN50	DN50

• *Lithium Salt Tank*

Suitable for packaging containers of lithium hexafluorophosphate raw materials for lithium ion batteries.

Our containers are made from high-grade AISI 304 / AISI 316 stainless steel. Using automatic argon arc welding equipment, the weld is beautiful and clean, can be placed under pressure to 0.6Mpa. Electrolytically polished mirror finished on the inner surface, excellent finish in the barrel, mechanical polished mirror on the outer surface.

- The product is made of corrosion-resistant and acid-resistant SUS316L or SUS304 stainless steel.
- Welded with fully automated argon arc welding machines, the weld seams are smooth and aesthetically pleasing, free from weld spatter, slag, and pores, ensuring excellent airtightness and capable of withstanding a pressure of 0.6 MPa.
- The interior structure of the barrel is free from dead corners, ensuring no residual blockages.
- The inner surface is electro-polished to a mirror finish for superior smoothness, while the outer surface is mechanically polished to a mirror finish, ensuring the product's long-term safe use.





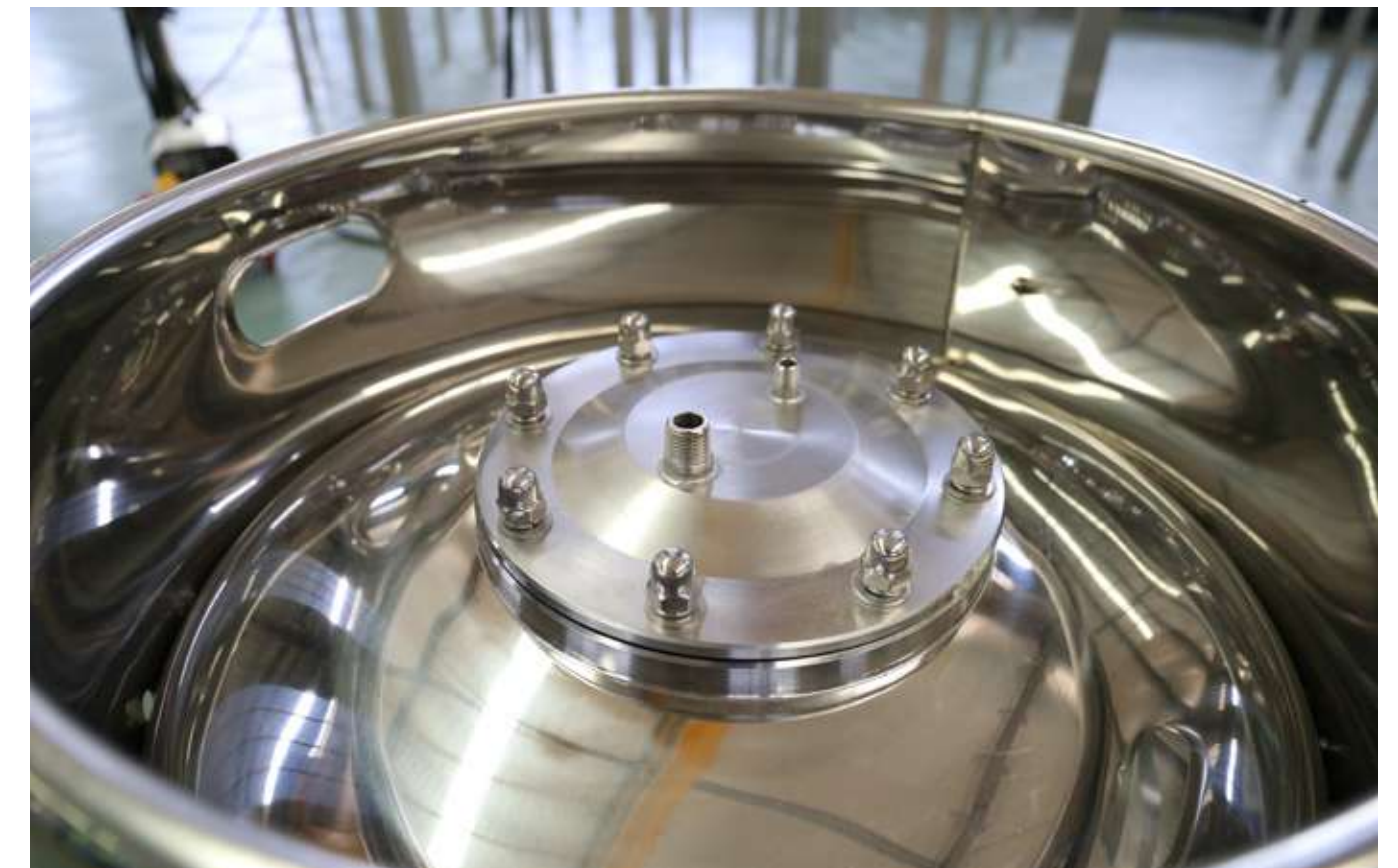
PROJECT SAMPLE DISPLAY

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• *Electrolyte Tank*



• *Lithium Salt Tank*



• *New Energy Equipment Production Line*



Support The Customization Of Various Tank Equipment

Professional design — customized service





By continuously enhancing the quality of our products and services and improving our delivery capabilities, we aim to strengthen the company's market competitiveness and create greater value for our customers.