



MONOVATE

Quality Praised by 300+ Japanese
Pharmaceutical Companies



Innovating the Creation, Creating the Innovation.

On June 10, 1957, Nitto Kinzoku Kogyo Co., Ltd. was founded in Japan, marking the start of its path toward innovation and excellence.

On April 1, 2024, the company embarked on a new journey as MONOVATE Corporation.

MONOVATE Corporation is a "Manufacturing Innovation Company."

The name MONOVATE embodies our desire to "innovate manufacturing through manufacturing."

Our goal is to create new value in the world together with our customers, keeping their spirit of challenge alive.

As a company centered around "CONTAINERS," we aim to expand our capacity and shape our customers' visions together.

Manufacturer of Over 4,000 Types of Stainless Steel Products

MONOVATE started in 1957 with the aim of manufacturing stainless steel household products and containers. Today, we design, manufacture, and sell stainless steel containers and mixing equipment used in various fields such as cosmetics, food, chemicals, and semiconductors, with a focus on the pharmaceutical industry, at two locations in Japan.

Our products are widely used not only for storage, preservation, and transportation but also in production lines requiring advanced operations such as mixing and pressurizing.



Custom-Made Stainless Steel Containers and Mixing Equipment

We address numerous challenges in manufacturing sites, especially those handling liquids, powders, and slurries.

Our products have consistently resolved these issues for our customers.

We strive to create products that not only solve problems but also enhance our customers' manufacturing processes.

Proposing Customizations Leveraging Our Strengths as a Manufacturer

MONOVATE's greatest strength lies in its ability to propose custom-made stainless steel containers and mixing equipment based on over 65 years of experience and achievements. We can design and manufacture unique containers and systems tailored to our customers' needs, even for a single unit, improving their productivity.



MONOVATE

Creating Products that Maximize High-Quality Materials

Utilizing Specially Designed Stainless Steel

MONOVATE primarily uses specially designed stainless steel materials, specifically BA (Bright Annealed) SUS304 and SUS316L. These BA materials have a surface roughness of 10Ra, offering a mirror-like shine without additional polishing.

Notably, we use a specially ordered BA SUS316L material, exclusively produced for our products and not available in general distribution. By employing these high-quality materials, we provide our customers with superior products.

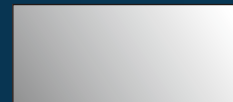


Manufacturing Method that Maximizes Material Quality

MONOVATE's stainless steel containers are made using laser and TIG welding techniques, avoiding press forming and heat processing. This minimizes damage and requires only minimal buffing.

Our production method maximizes material quality, preserving the natural shine and cleanliness of BA stainless steel. As a result, we provide high-quality, hygienic industrial stainless steel containers, available both in Japan and globally.

①



②



③



Only 6.5% Interior Polishing



Typical Polishing Range
(Full Interior Polishing)

MONOVATE Polishing Range

The interior polishing of our stainless steel containers is limited to just 6.5%. Buff polishing often leaves oil residues on the surface, leading to various issues, including corrosion (rouge) when sterilized with steam.

At MONOVATE, we minimize polishing to avoid these problems. When you wipe a MONOVATE stainless steel container with a white cloth, the difference is evident compared to standard stainless steel containers. This approach helps our customers reduce their cleaning costs significantly.

MONOVATE

Supporting Capacities from 20mL to 1000L Extensive Range of Related Products

Ideal Product Lineup for Diverse Small-Lot Production

MONOVATE offers a product lineup of over 4,000 stainless steel containers, ranging from small 20mL bottles to large 1000L containers. The most popular sizes are round containers with capacities between 10L and 500L, used for raw material storage, product development, and small-lot production facilities. We also provide a wide range of related products, including specialized carts, material hoppers, and inspection windows.

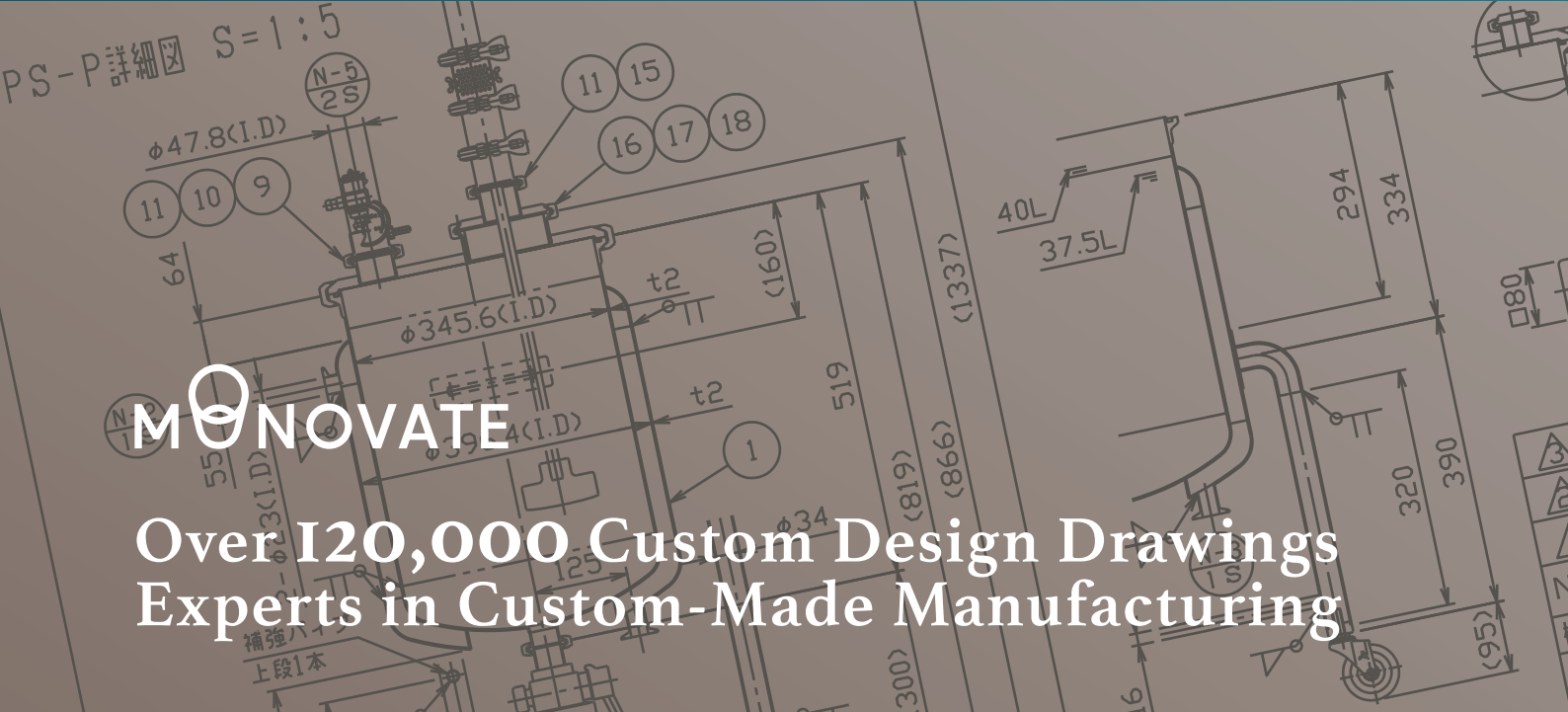


Unlike disposable containers, stainless steel containers are durable and reusable. Many of MONOVATE's stainless steel containers are long-selling products that have remained unchanged for years, ensuring that "the same container bought 10 years ago is still available" and "the same container can be introduced into new factories," providing peace of mind.

Developing Solutions to Overcome Challenges

For instance, in the production of pharmaceuticals or food, where liquid raw materials need to be mixed, both containers and agitators are required. If the combination of these is not optimal for the nature and quantity of the raw materials, the desired mixing results cannot be achieved. Consulting separate manufacturers for containers and agitators makes it challenging to resolve mixing issues.

MONOVATE, as a container manufacturer that also develops agitators, has introduced "mixing units" that combine containers and agitators into a single product. Leveraging our "past achievements" and "strength as a manufacturer capable of in-house demonstrations," we propose the optimal mixing equipment to meet our customers' needs.



MONOVATE

Over 120,000 Custom Design Drawings Experts in Custom-Made Manufacturing

In-Depth Knowledge of Required Quality and Specifications

Manufacturers of custom-made products must have a deep understanding of "quality."

MONOVATE understands the specific quality requirements for various industries. For instance, the quality needed for factories producing blood products, tablets, pharmaceuticals, semiconductors, and food products.

With 65 years of experience and having encountered countless issues, MONOVATE has diligently addressed and resolved every problem. This extensive experience has equipped us with a thorough understanding of the quality and specifications required by different industries, which we incorporate into our product development.

Cost-Effective Manufacturing

When considering production equipment that perfectly matches specific needs, off-the-shelf products often fall short. Custom-made solutions require specification review, drawing creation, and material ordering from scratch. Along with feasibility, cost, quality, and delivery time are critical factors in custom manufacturing.

MONOVATE offers over 4,000 base products. By selecting parts suited to the application and adding customizations to the base products, we maintain product quality while reducing costs and shortening lead times. With over 120,000 custom product drawings and extensive experience in designing and manufacturing fully custom-made products from scratch, MONOVATE excels in providing cost-effective custom solutions.





Meeting Niche Needs with Extensive Adoption Records

Pharmaceuticals

MONOVATE's stainless steel containers are used by over 300 pharmaceutical companies in Japan. We have experience providing containers for vaccines, injections, and sterile formulations, offering products that address contamination and foreign substance prevention.



Semiconductors

We offer storage and transportation containers that minimize metal ion elution and do not affect 99.9999% of the contents. Our containers also meet the stringent conditions required for use in class 3 clean rooms.



Cosmetics

Our adoption records include small-lot tanks for shampoo and bulk containers for automated factory construction. Our professional team fully supports challenges in new fields.



Chemicals

We provide containers used in wax dissolution and heating equipment, paint dispersion processes, and small-scale contract manufacturing tanks. We also offer containers for research and development to support scaling up.



Food Industry

Our products include mixing equipment for dressings, containers for new product development in potato chips, heating equipment for cooking oils, and craft beer brewing tanks. We provide consulting for multi-product, small-volume food production equipment and automation.



Certificates and Certifications

MONOVATE sources specialized stainless steel (SUS304, SUS316L) from domestic manufacturers and can provide material mill sheets. We also issue various certificates, including material and RoHS2 compliance certificates. Our stainless steel containers feature serial numbers for precise identification and management.

Our products are manufactured in ISO9001 certified factories and comply with FDA GMP standards. Known for their durability and corrosion resistance, our stainless steel products support HACCP compliance in the food industry.

MONOVATE
SUS 316L
30cm
BZ000691-000
MADE IN JAPAN

Production Bases

Yashio Factory (ISO9001 Certified)

Custom product production line

Sales, technical, and development departments

Address: 358-2 Yashio City, Saitama, Japan 340-0811

Tsukuba Factory (ISO9001 Certified)

Mass production line

Address:

Block C25, Suwa, Tsukuba City, Ibaraki, Japan 300-2658



Yashio



Tsukuba

Company Overview

Company Name	MONOVATE Corporation (formerly Nitto Kinzoku Kogyo Co., Ltd.)
CEO	Masanori Oyama
Founded	June 1957
Capital	32 million yen
Business Activities	Manufacture and sale of industrial stainless steel containers, including sealed containers, storage containers, transport containers, pressure containers, and various equipment.
Clients	Pharmaceutical, chemical, cosmetics, and food industries, research institutes, laboratories, and other industries. Some exports to major American pharmaceutical companies, such as Merck and Baxter.



MONOVATE

MONOVATE Co., Ltd.
358-2 Yashio City, Saitama, Japan 340-0811
TEL: +81-48-996-4221
Email: sales@monovate.net
Website: <https://www.monovate.net>