

● ● C O R P O R A T E P R O F I L E



● Top Message



Contributing to society through precision processing, precision molding, and optical technology.

Since our establishment in 1972, Seikoh Giken has developed and supplied markets with highly original products centered on leading-edge processing technologies. Among other achievements, in the 1980s, as a global first, Seikoh Giken developed optical disc molds and optical connector polishing machines whose performance and quality were highly praised by customers in Japan and overseas, thus establishing the position of Seikoh Giken as a top-ranking manufacturer. Through these products, the Company greatly contributed to the proliferation of optical disc applications such as CD, DVD, and Blu-ray and likewise supported the growth of the Internet through the volume production of optical communication components.

Starting in 2000, the market environment radically changed. In this setting, Seikoh Giken group acquired technical resources in the form of precision processing, precision molding, and

optical technologies. Based on this core competencies, today the group supplies markets in the fields of information and communication, automotive applications, and medical and bio science with products and services excelling in originality.

Masatoshi Ueno
President and Chief Executive Officer

Seikoh Giken continues to strive to help people around the world lead secure and healthy lives and to enjoy lifestyles full of convenience and comfort. In so doing, we aim to contribute to a prosperous society through the products and services created by Seikoh Giken group. We will continue to swiftly respond to changes in the business environment while providing products and services for the group's and customers' advancement alike, and strive to establish Seikoh Giken as a company with a strong profile in its markets.

For these endeavors, I would like to request the continued support and goodwill of all customers and stakeholders of Seikoh Giken group.

● Management Philosophy and Vision



With outstanding technologies and creativity, we will supply high-quality products, contribute to the progress and development of society, and pursue corporate growth and the well-being of our employees.



To become global customers' best partner.

- To become a company most relied upon by customers based on our precision technology.
- To create new businesses, new products, and new technologies through creative thinking.

● A Global Network

Based on our reliable technological capabilities, we will expand our business fields and develop a global network of trust.

AMERICA



SEIKOH GIKEN USA, INC.

EUROPE



SEIKOH GIKEN EUROPE GmbH



DATA-PIXEL SAS

ASIA



SEIKOH GIKEN Co., Ltd.



FUJI ELECTRONICS INDUSTRIES Co., Ltd.



SEIKOH GIKEN HANGZHOU Co., Ltd.
(ZHEJIANG SEIKOH OFC Co., Ltd.)
(Hangzhou Giken Photonics Co., Ltd.)



SEIKOH GIKEN DALIAN Co., Ltd.

SEIKOH GIKEN (THAILAND) Co., Ltd.

● Outline of Operations

● Precision Machinery Products Segment

Based on our core technologies in precision molds and precision processing, we provide customers with injection molds enabling the volume production of molded resin parts, which is generally considered difficult, and high precision metal processed parts. At the same time, our various molding technologies such as injection molding using resin, press molding of metal parts, and insert molding combining resin and metal, etc., allow Seikoh Giken to supply automotive parts, smartphone parts, cell culture containers and microchannel chips, and other products for a wide range of industries.

● Optical Products Segment

Seikoh Giken develops and supplies high-quality optical connectivity products for optical fiber communication networks supporting high-speed and reliable Internet environments, data centers for big-data storage, as well as equipment and devices for manufacturing these products. Utilizing our accumulated optical technologies, Seikoh Giken develop micro lenses that are applicable for imaging, lighting, and sensing. Additionally, the group's areas of activity have expanded into fields that include, for example, the development of relaying devices for vivid TV footage using technology for alternating optical and electrical signals, and equipment for the accurate measuring of minute radio waves.



Precision Molds and Precision Processing

With our world-leading mold and precision processing technologies, we support customers' product development and productivity improvements.

▶ p.5

Optical Products

Our optical technology helps support the dissemination, storage, and recording of digital information around the world.

▶ p.7

Outline of Operations

Precision Molded Products

Seikoh Giken has been a stable supplier of intricately-shaped, thin-walled molded products, etc., in accordance with customers' requirements.

▶ p.6

Machinery and Equipment

Centering on optical connector polishing machines, Seikoh Giken has been consistently providing the polishing, cleaning, and inspection platforms required by production lines, helping customers' meet their labor saving and automation objectives.

▶ p.8



● Precision Molds and Precision Processing

With our world-leading mold and precision processing technologies we support customers' product development and productivity improvements.

● Precision Molded Products

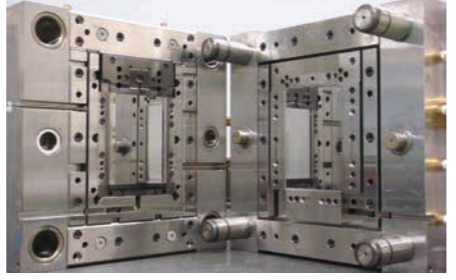
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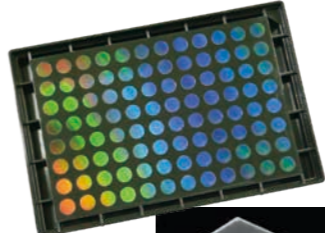
ULTRA-HIGH PRECISION MOLDS

Starting from the design stage, Seikoh Giken provides the fundamental tools underlying the creation of all precision molded products

Seikoh Giken excels in the production of ultra-high precision molds for the volume production of molded parts at maximum efficiency in accordance with customers' requirements. Seikoh Giken maintains a consistent manufacturing system from mold design to material selection, material processing, quenching, polishing, and assembly, etc., enabling the volume production of molded products with distinctive shapes, that is, molded products with extremely thin walls and with micro-structured surfaces, which were previously considered impossible to produce in volume using injection molding.



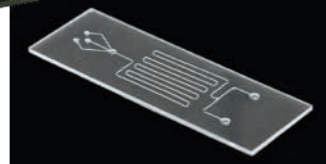
Ultra-high precision molds for the creation of precision molded products



RESIN INJECTION MOLDED PRODUCTS

Using in-house manufactured precision molds and own molding technology, Seikoh Giken has enabled volume production combining micro-structure surface transfer and thin-walled product molded products

Seikoh Giken has developed techniques for transferring with high accuracy microscopic patterns at the nano level by using injection compression technology inside the mold. Moreover, utilizing low-temperature molding technology, Seikoh Giken has achieved plastic injection molding of objects with a diameter of 120 mm and a wall thickness of 0.3 mm. Adjustments to the mold structure helped suppress the occurrence of warping, allowing us to successfully establish a manufacturing method for molded products previously considered impossible with injection molding.

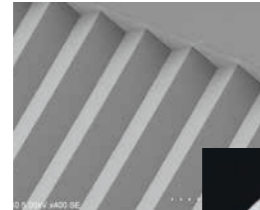


Injection molded products for medical and biotechnology

PRECISION MOLDED PARTS

Accommodating all processing needs at high precision

By introducing high-precision processing equipment such as submicron-controlled processing machinery, etc., and using technology cultivated since the Company's founding days, Seikoh Giken meets a diversity of metal processing needs including micron level cutting, grinding, and mirror finishing, etc. Rooms with precision temperature measurement set for temperature control at $\pm 0.5^\circ\text{C}$ are equipped with the world's most advanced three-dimensional measurement equipment and promise customers top-level quality and accuracy.



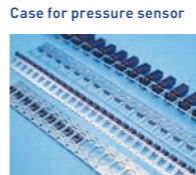
Accurate transfer of surface micro-structures at the nanometer level



INSERT-MOLDED PRODUCTS

Volume production of molded parts combining heterogeneous materials suited for harsh environments

Stable volume production of insert-molded products combining heat-resistant resins such as PPS and LCP with metal parts. Products are used for automotive applications requiring heat resistance and vibration resistance. In order to enhance the adhesion of metal to resin, volume production of molded parts is also available at increased airtightness and strength using roughened plating technology.



Case for pressure sensor



Holder for light sensor

Precision parts processing

Manufacture of high-quality products through an integrated production system and quality control

We manufacture micron-order precision parts based on mold manufacturing processing technology and processing equipment. Based on the technology and experience gained through the thousands of molds that we have made since our founding, we assign an experienced master to each process, and apply strict quality control to our product manufacturing. We have a comprehensive production system from material procurement to heat processing, cutting, grinding, measurement, and packaging. We possess several measuring instruments—mainly ultra-precision measuring instruments—and have a comprehensive quality assurance system.



Precision parts processing

Automotive parts assembly business

We supply products for the expanding electric vehicle (EV) market, and, we contribute to the realization of a carbon-neutral.

In order to meet the demand for parts for EV vehicles such as the electric compressors, we are expanding the business of joining electronic parts and terminals to conventional insert molded products. Bringing together the technical capabilities of Seikoh Giken Group, we will respond to our customer's QCD by making full use of automation technology.



Inner connector



● Optical Products

Our optical technology helps support the dissemination, storage, and recording of digital information around the world.

OPTICAL COMMUNICATION RELATED PRODUCTS

Seikoh Giken provides products indispensable for constructing high-speed and reliable Internet environments

Optical devices for communication infrastructure continue to evolve to higher speed and more capacities with 100G and 800G. A key element supporting device performance is optical fiber processing. Seikoh Giken has been successfully developing high-precision optical fiber processing using polishing techniques cultivated since its founding. With designing capabilities flexible for micro progressing and miniaturizing, and with high quality verified by long-term reliability tests, Seikoh Giken is providing a wide range of products and technologies, such as polarization maintaining optical fiber processing, anti-reflective coating, fiber metallizing, fiber arrays, receptacles, metal parts processing, hermetic sealing, and aligning and bonding for the growing optical communication market.



Assembly of optical communication modules

DATA CENTER RELATED PRODUCTS

Seikoh Giken has the enough plenty of experiences to supply the products for Data Center market with confidence

Seikoh Giken supplies optical cable assemblies, optical connectors, and related products for the growing data center market. Highly-reliable quality is desired on connectivity products installed in data centers storing and exchanging huge volume of data traffic. Seikoh Giken is the well-known expert in polishing technology, enabling high production yields and reliable quality on mass-production. Furthermore, multi-core connectivity and low loss technology for high-speed and high-volume data traffic, short delivery support and wide-range offering of color variations enable our products to be adopted in many data centers.



Optical cable assembly and optical connectors

MICRO LENSES

Seikoh Giken has unique resin, mold and molding technologies, and propose ultra-high precision, ultra-compact, high-functional optical components

In the markets for 3D sensing and medical equipment, there is an increasing demand for parts that demonstrate high performance and stability in a small space. Seikoh Giken is using special thermo-setting-type resin materials excelling in heat resistance and weather resistance to deliver lenses and lens units of extreme flatness, compactness, and heat resistance, whose production is not viable with conventional resin molded and glass products. Additionally, using technology that combines glass with UV curable resin, Seikoh Giken also offers hybrid lenses that implement multiple functions into a single component.



Micro lenses

● Machinery and Equipment

Centering on optical connector polishing machines, Seikoh Giken has been consistently providing the polishing, cleaning, and inspection platforms required for production lines, helping customers' meet their labor saving and automation objectives.



OPTICAL MANUFACTURING EQUIPMENT AND INSPECTION EQUIPMENT

The world's de facto standard



Optical connector polishing machines



Measuring system for end surfaces

Seikoh Giken group has been a global pioneer in the development of optical connector polishing machines, which has been rewarded with favorable sales growth driven by the expanding optical communication market. Today polishing machines of Seikoh Giken boast the top market share as the de facto global standard. In addition, our group company DATA-PIXEL's DAISI (Digital Automated Interferometer for Surface Inspection) series of interferometry instruments also hold the top share of the global market in interferometer for optical communication components. With the synergy created by both companies, we will expand the range of products and services we offer to our customers and achieve further expansion of our market share.

OPTICAL CONNECTOR ENDFACE CLEANER

Pioneer of mechanical cleaners for optical communication components

Cleaning of optical connector endface is essential for highly reliable optical connector connections. We are ahead of industry to commercialize mechanical cleaners for optical communication parts such as "Ferrule Pro" as endface cleaner for mass production sites, and "Ferrule Mate" and "Handy Mate" as end face cleaners for optical fiber cable installation sites.

We will continue to provide cleaning tools that meet customer needs.



Ferrule Pro



Handy Mate · Ferrule Mate

ROF EQUIPMENT

Optical transmission equipment (no power supply required) of proven reliability and performance - Electric field sensing second to none

Given that all sorts of information today are transmitted wireless and by optical fiber, their reliability and track record have earned the optical transmission equipment of Seikoh Giken an excellent reputation in the broadcasting infrastructure industry. Seikoh Giken is committed to addressing customers' entire needs, across the width from devices with high reliability requirements such as enhanced lightning protection to general purpose products.

Furthermore, with a view to achieve a digital society, our proprietary electric field sensing technology enables accurate measurement of increasingly diverse array of radio waves including radar sensors and wireless communication devices.



Optical transmission equipment



Optical electric field sensors

● Company Profile

Company name	SEIKOH GIKEN Co., Ltd.
Location	
Head office	296-1 Matsuhidai, Matsudo City, Chiba Prefecture 270-2214 Japan.
No. 2 factory	296-1 Matsuhidai, Matsudo City, Chiba Prefecture 270-2214 Japan.
No. 3 factory	415-2 Matsuhidai, Matsudo City, Chiba Prefecture 270-2214 Japan.
TEL	047-311-5111 (Main)
URL	https://www.seikoh-giken.co.jp/en/index.html
Founded	June 17, 1972
Capital	6,791,682,700 yen
Exchange listings	Tokyo Stock Exchange (Standard)



Affiliates	
	FUJI ELECTRONICS INDUSTRIES Co., Ltd. 4-8-1 Toshinden, Suruga-ku, Shizuoka City, Shizuoka Prefecture, 421-0112 Japan.
	SEIKOH GIKEN USA, INC. 4465 Commerce Drive, Suite 103, Buford, GA 30518. U.S.A
	SEIKOH GIKEN EUROPE GmbH Siemensstrasse 9, 63263 Neu-Isenburg, Germany
	DATA-PIXEL SAS 27 rue Saturne, ZAC Altais 74650 CHAVANOD, France
	SEIKOH GIKEN (THAILAND) Co., Ltd. 60/90 Village No.19, Khlong Nueng Sub- district, Khlong Luang District, Pathumthani Province, 12120 Thailand

	SEIKOH GIKEN DALIAN Co., Ltd. No.36 Fuan Street, Economic & Technological Development Area Dalian, 116600 P.R. China.
	SEIKOH GIKEN HANGZHOU Co., Ltd. 526 Binkang Road Binjiang District, Hangzhou, Zhejiang, People's Republic of China
	ZHEJIANG SEIKOH OFC Co., Ltd. 526 Binkang Road Binjiang District, Hangzhou, Zhejiang, People's Republic of China (on the premises of SEIKOH GIKEN HANGZHOU Co., Ltd.)
	Hangzhou Giken Photonics Co., Ltd. 526 Binkang Road Binjiang District, Hangzhou, Zhejiang, People's Republic of China (on the premises of SEIKOH GIKEN HANGZHOU Co., Ltd.)

●● Timeline

1970s Founding period

- 1972**
 - Establishment of the Company in Ota-ku, Tokyo, with a capital of 500,000 yen for the purpose of designing, manufacturing, and engineering molds for components of sintering machines
 - Start of production and sales of molds for powder metallurgy and fineblanking
- 1974**
 - Transfer of Head office factory to Kamagaya city, Chiba prefecture

Products manufactured using molds for powder metallurgy and fineblanking



1990s Build-up of technology resources

- 1992**
 - Acquisition of a dominant patent in the US for step ferrules which has Angled-Convex-Polishing apparatus for optical fiber end-faces
- 1995**
 - Acquisition of ISO9001 certification by the Fiber Optic Products Division (now the Micro Optics Division)
- 1997**
 - The Company's step ferrules which has Angled-Convex-Polishing apparatus for optical fiber end-faces which call Stepped-Ferrules for the APC Connectors

Angled-Convex-Polishing apparatus for optical fiber end-faces which call Stepped-Ferrules for the APC Connectors



2010s Advancing into an era of new challenges

- 2010**
 - Development of the "Ferrule Pro" desktop cleaner for the efficient cleaning of optical connector tips
- 2011**
 - Development of advanced precision mold technologies such as low-temperature molding, thin-wall molding, and micro transfer technology
- 2012**
 - Acquisition of 49% of the share capital of DATA-PIXEL, a France-based manufacturer of measurement and inspection equipment for the end surfaces of optical components
- 2013**
 - Acquisition of the entire share capital of Fuji Electronics Industries Co., Ltd. (Shizuoka city, Shizuoka prefecture) and addition of the entity to consolidated subsidiaries
- 2017**
 - Acquisition of further 48% of the share capital of DATA-PIXEL and addition of the entity to consolidated subsidiaries
- 2018**
 - Establishment of joint venture company "Zhejiang Seikoh OFC Co., Ltd." by Seikoh Giken Hangzhou Co., Ltd. together with an investment company in Zhejiang, China
- 2019**
 - The Company, Mie University, and the National Institute of Advanced Industrial Science and Technology worked in collaboration to develop an optical field sensor that accurately measures the radio waves transmitted by 5G base antennas



Measurement and inspection equipment for the end surfaces of optical components



Dome contacts



Ferrule Pro



Parts for high pressure sensor

1980s Expansion of business fields

- 1980**
 - Transfer of Head office factory to a location at 286-23 Matsuhidai, Matsudo city, Chiba prefecture
- 1981**
 - Start of development of injection molds for optical discs
- 1986**
 - Advance into the optical communication device business
- 1987**
 - Production start and sales launch of the world's first polishing machine for optical connector for use in mass production (Model SFP-500)



Injection molds for optical discs



Optical communication devices



Polishing machine for optical connector for use in mass production (Model SFP-500)

2000s Advances into the globalization of operations

- 2000**
 - Stock listing on the OTC market (now the Tokyo Stock Exchange Standard Market)
- 2000**
 - Establishment of Seikoh Giken USA, Inc. in Norcross, Georgia, USA
- 2001**
 - Establishment of Seikoh Giken Hangzhou Co., Ltd. in Hangzhou, Zhejiang Province, China
- 2001**
 - Sales launch of optical fiber polishing machines SFP-550S and SFP-550E
- 2002**
 - Establishment of Seikoh Giken Europe GmbH in Düsseldorf, Germany
- 2003**
 - Sales launch of "Ferrule Mate" cleaner for connector end faces in optical adapters
- 2005**
 - Acquisition of ISO14001 certification, the international standard for environmental management systems
- 2006**
 - Acquisition of optical products business operations in Japan, Germany, US, and Singapore from Seiko Instruments Inc.
- 2006**
 - Acquisition of business rights from Seiko Instruments Inc. related to the manufacturing and sales operations for optical products in China. Addition of Seikoh Giken Dalian Co., Ltd. to consolidated subsidiaries
- 2006**
 - Acquisition of business operations from NEC TOKIN Corporation related to the optical device business
- 2007**
 - Acquisition of ISO9001 certification, the international standard for quality management system, at the Precision Machinery Division
- 2007**
 - Development of highly heat resistant "MSG" lenses



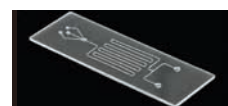
Non-power supply type optical transmission equipment



MSG lenses

2020s To create next generation businesses

- 2020**
 - Sales of Intelli-Cross Pro optical connectors that allow efficient connection in narrow spaces have begun
- 2021**
 - We utilized RoF (Radio over Fiber) technology to develop a GNSS optical transmission unit to extend GPS signals
 - Began mass production of resin medical microfluidic devices that leverage precision mold technology, featuring microfluidic channels on the surface
 - Seikoh Giken Hangzhou Co., Ltd., established the joint venture company "Hangzhou Giken Photonics Co., Ltd." together with a Chinese company.
- 2023**
 - Business collaboration between our local 5G-related business and the 7th Generation in automation & antenna measurements company
 - Jointly developed Japan's first in-die painting technology for small parts with TOKAI RIKKA CO., LTD.
 - Established SEIKOH GIKEN (THAILAND) Co., Ltd. in Pathumthani Province, Thailand.



featuring microfluidic channels



GNSS optical transmission unit

1970

1980

1990

2000

2010

2020

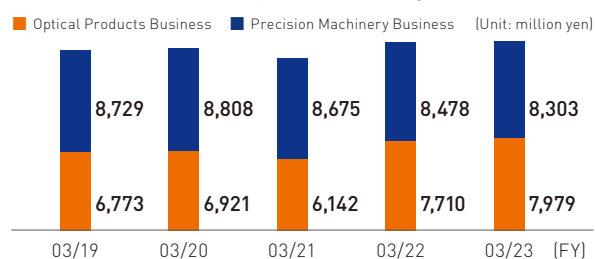
● Financial Highlights

Fluctuation in financial key indicators

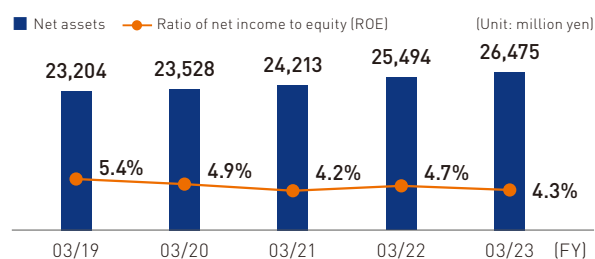
	Consolidated				
	FY 03/19	FY 03/20	FY 03/21	FY 03/22	FY 03/23
Sales (million yen)	15,502	15,729	14,818	16,188	16,282
Operating income (million yen)	1,619	1,614	1,324	1,524	1,390
Ordinary income (million yen)	1,754	1,688	1,431	1,641	1,606
Net income for the period (million yen)	1,232	1,152	983	1,150	1,082
Total assets (million yen)	27,686	27,744	28,966	30,339	31,342
Net assets (million yen)	23,204	23,528	24,213	25,494	26,475
Ratio of net income to equity (ROE) (%)	5.4	4.9	4.2	4.7	4.3
Ratio of ordinary income to total assets (ROA) (%)	6.5	6.1	5.1	5.7	5.4
Equity ratio (%)	83.5	84.5	83.3	83.8	84.4

Note: Numbers in parentheses are negative.

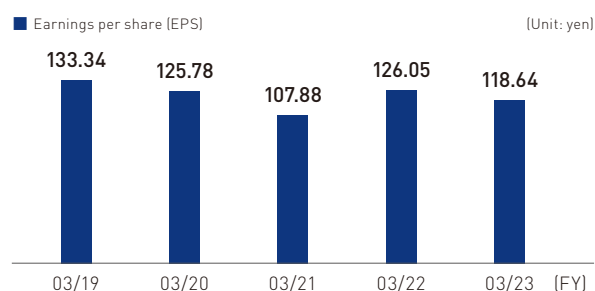
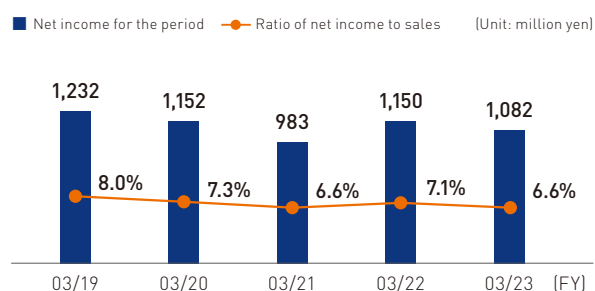
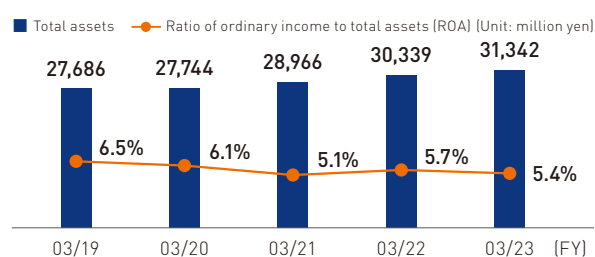
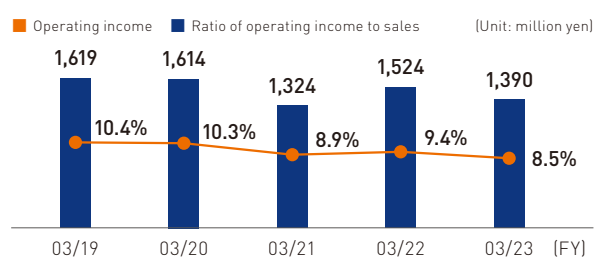
Fluctuation in sales by business segment



Share related indicators



Profitability indicators



SEIKOH GIKEN Co., Ltd.

For detailed information, please visit the Seikoh Giken corporate website.

<https://www.seikoh-giken.co.jp/en/index.html>



The latest corporate information is also available for review on the Seikoh Giken corporate website.

https://www.seikoh-giken.co.jp/en/company/pdf/corporate_guidance_e.pdf



Stock code :
6834



ISO 9001
Certification



ISO 14001
Certification

- *1: Sales, Design and Manufacture of Optical Components, Optical Lens, Radio over Fiber Products, Polishing Machines and Equipment for Optical Components and Mold. Sales and Manufacture of Injection Molded Parts.
- *2: Certified factories: Head office factory, No. 2 factory, and No. 3 factory
- *3: End-face inspection microscope and measuring instruments are outside the scope of certification.