

Company Profile



Established

October 13, 1953

Capital

¥49,347,000

Representative

CEO Toshiaki Sumita

Employees

380

Headquarters



Saitama, Japan

Tajima Tabehara/ Nagano Factory





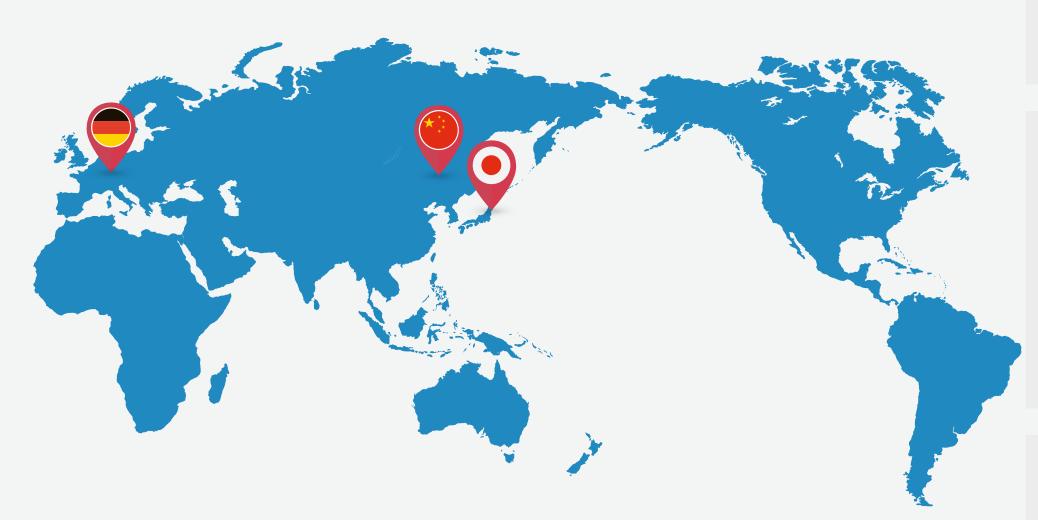
Factory for Medical Device MFG
Fukushima, Japan

Certified and Licenced

Certified for ISO14001/ ISO9001/ ISO13485

Licence for Medical Device MFG/ Medical Device Repairing/ MFG & Selling of Type II Medical Device/ Selling & Lending of Advanced Medical Apparatus/ Medical Device MFG for Animal Use

Affiliated Company





Sumita Optical Glass Europe GmbH



Established 2005

Location Nuremberg, Germany

Business Sales & Marketing in Europe



SUMITA OPTICS (Dongguan) Co., Ltd. (China)



Established 2018

Location Dongguan, China

Business Sales & Marketing in China



Sumita Photonics



Established 1984

Location Fukushima, Japan

Business Assembling optical fiber

History

Sumita Optical Glass MFG is

established with the aim of optical glass melting

Business advances to

European market

Tajima Tabehara Factory is established

Sales office in the US is established

> Company name is changed to **Sumita Optical Glass, Inc.**

Nagano Tajima factory is established

Precision molding lens factory at Tajima factory is newly organized

> A factory for melting optical glasses and manufacturing leached image bundles for fiber scopes is expanded in Tajima factory

Sumita is chosen as one of the best 300 small and medium-size manufacturers in Japan by the Ministry of Economy, Trade and Industry

Sumita Optical Glass Europe GmbH is established in Germany

The Emperor of Japan visits Urawa **Factory**



Sumita is selected as The Leading Company for Regional Future by METI

Sumita Optics (Dongguan) Co., Ltd. is established in China

HDIG scope receives **Award for Brilliant Industrial Technology** in Metropolitan Area

A factory for medical device **MFG** is established

> **License for Medical Device MFG** is obtained - Sumita taps into medical field

1924

founded

2004 2005 2006 2009 2010 1953 1992



Sumita Optical

Industry, a former

company of Sumita

Optical Glass, is

Development of multicomponent optical fiber is begun

Aspheric lens that does not require polishing is developed with Matsushita Electric Industrial (later Panasonic Corporation)





Photaron, an optical glass in place of fluorite, is developed



Material for aspherical lens preforms is developed

Optical glass K-PSFn2, which has a refractive index of more than 2 is developed

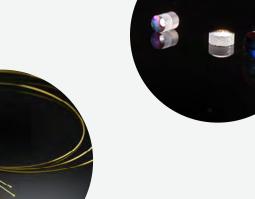
HDIG Scope, an ultra-thin image **bundle**, is developed

> Glass encapsulated LED is develoed jointly with Toyota Gosei

Ultra micro aspherical lens is developed

K-FIR100UV, a low dispersion (over **100**) glass material, is developed









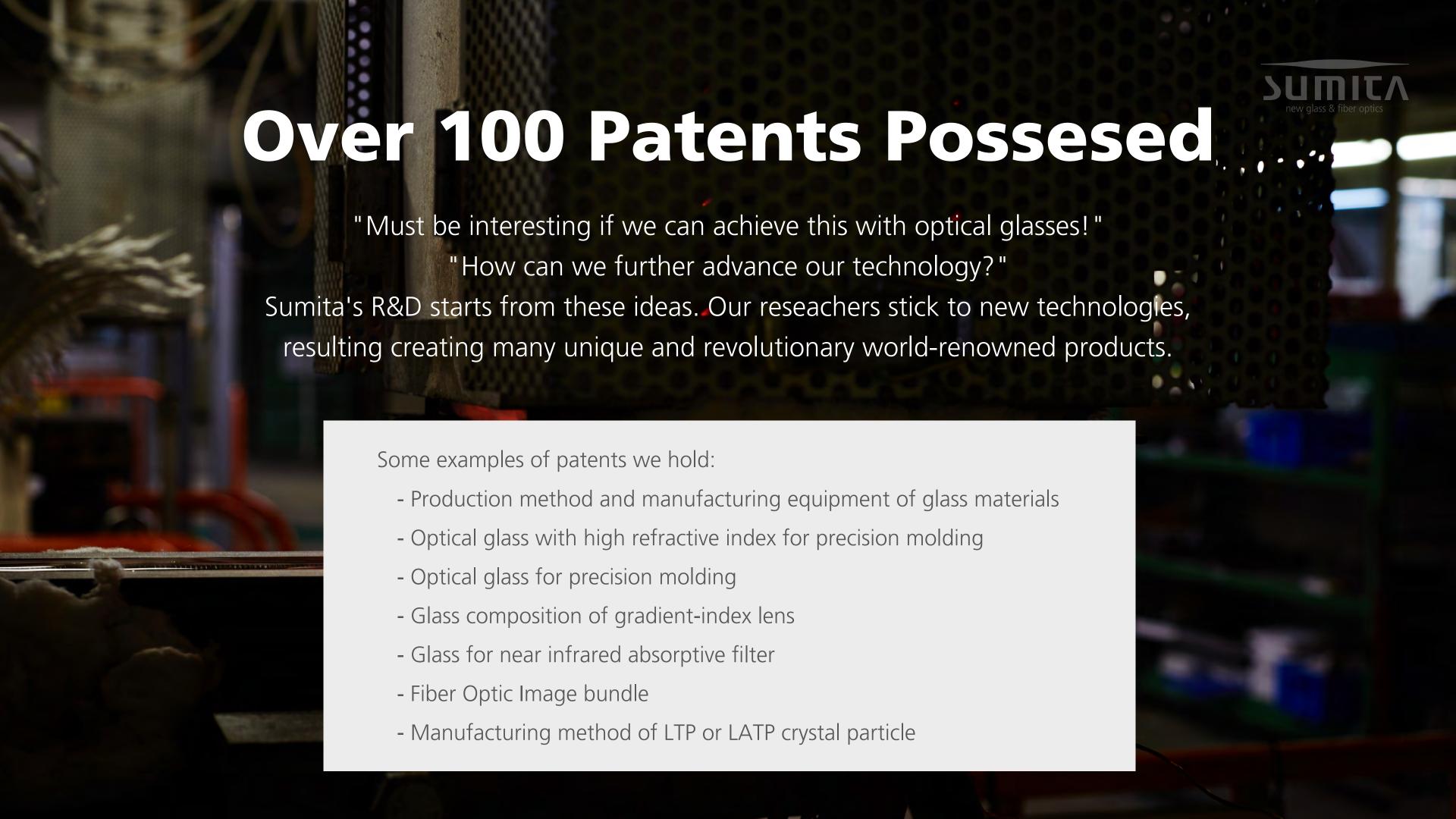
Awards

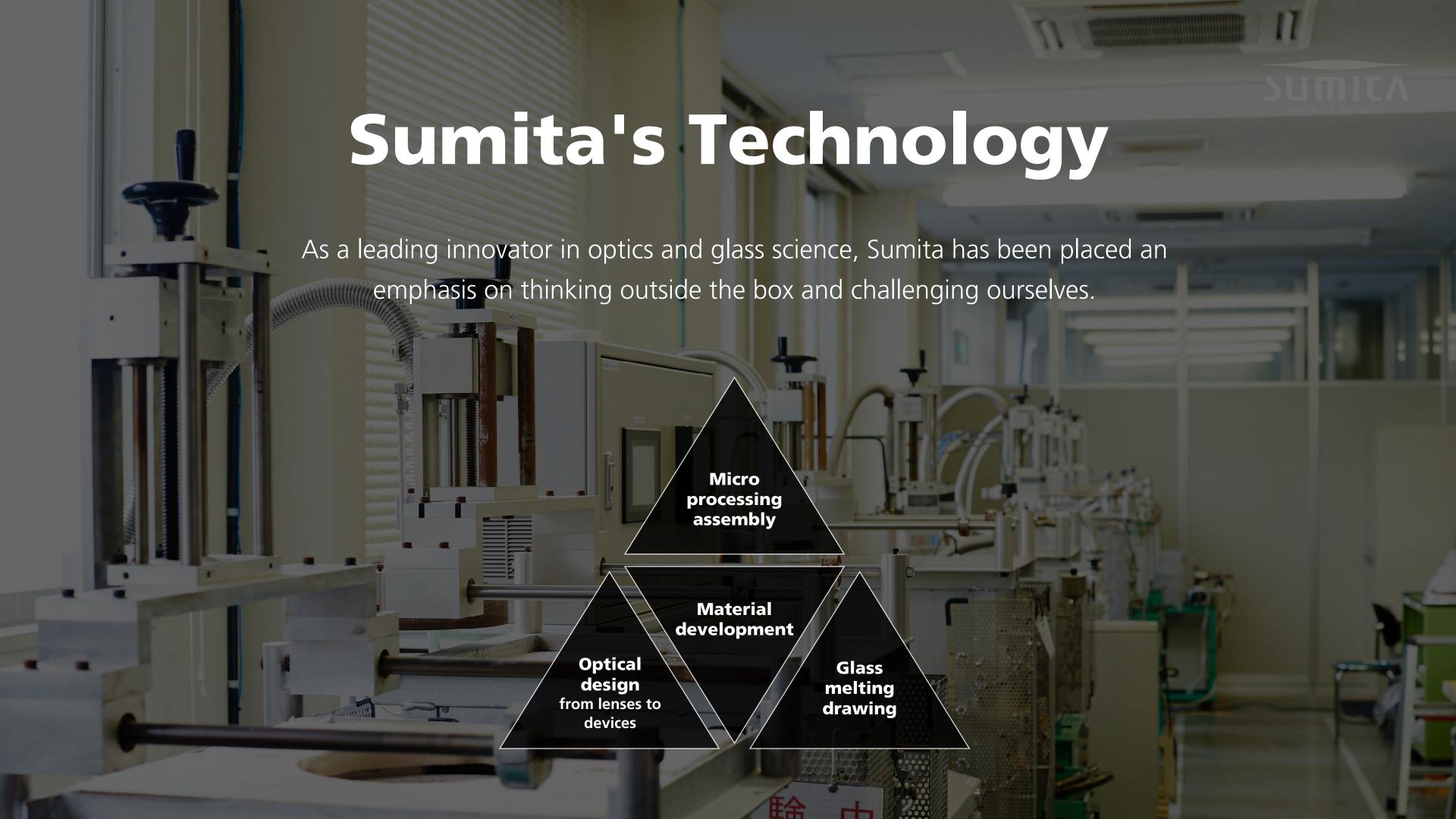




1988	The Circle of Excellence Award Winners from the US Magazine Photonics Spectra	Photaron K-CaFK95
1992	The 24th Ichimura Industry Award	Molded Glass Aspherical Lens
1995	20th Invention Grand Prix	Low dispersion glass "Gadron" and "Super Gadron"
1997	The Circle of Excellence Award Winners from the US Magazine Photonics Spectra	本式会社住田光学ガラス WESURAND SHIPS LEWING WYSURAND SHIPS WYSURAND SHIPS LEWING WYSURAND SHIPS WYSURAN
2003	The Circle of Excellence Award Winners from the US Magazine Photonics Spectra	Super Vidron K-PG325
2007	Nikkei BP Technology Award, Electronics/Information Appliances Category	Visible Fiber Laser Element
2009	Japan Brand Award at Super MFG Award	Glass Encapsulated LED
2014	Excellent Award from Fire and Disaster Management Agency	Teluna -LED Head Light-
2017	Saikai Award	Endoscope Type OCT Probe

... and more





Business Units



Sumita's 4 Business Units

Optical glass

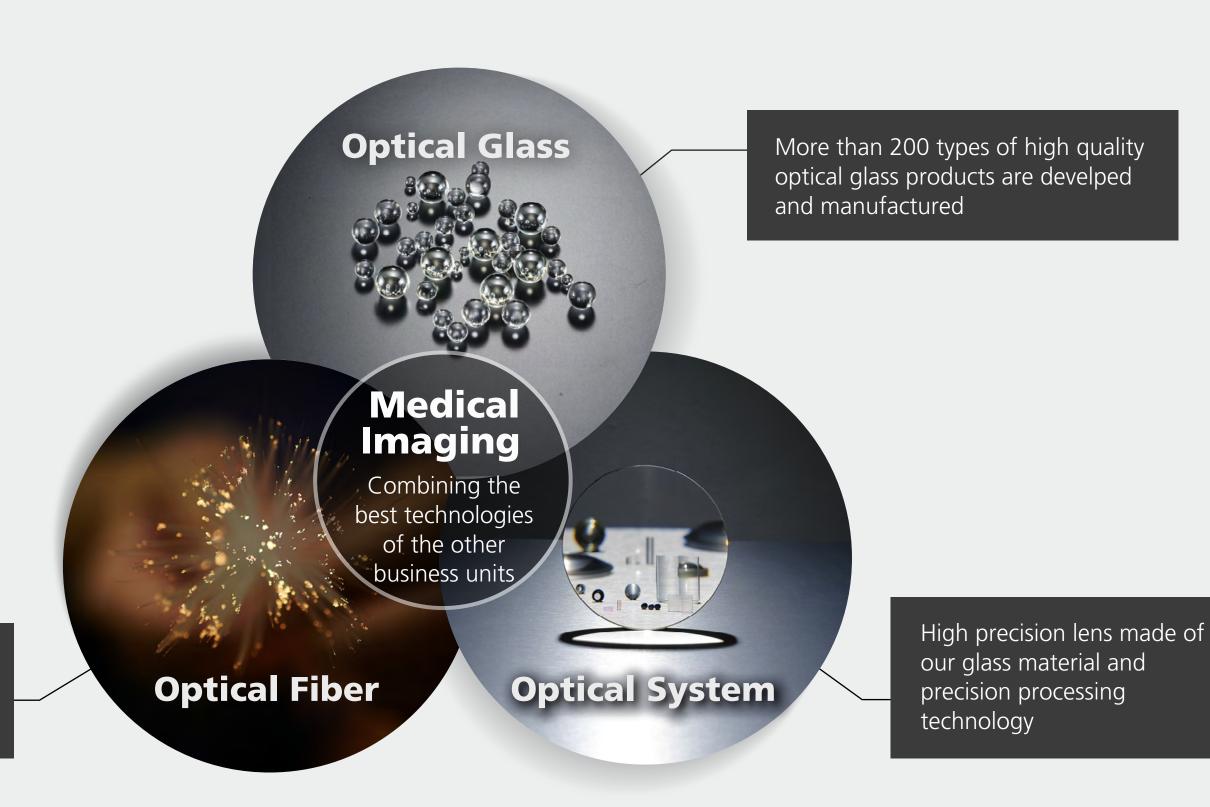
Optical fiber

Optical system

+

Medical Imaging

Borne from accumulated advanced technology of optical glass MFG





Optical Glass

Sumita develops and manufactures more than 200 types of optical glass products including preforms for precision molding and advanced glass materials.





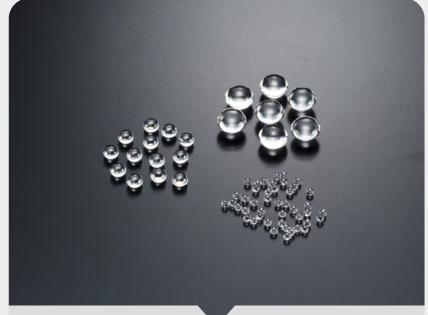


Optical Glass











Mold pressed blanks

- · High-mix low-volume production
- · Economical production

Cut bar products

- · Low volume to mass production
- · Quick delivery

Preforms made of dropping method

Gob preforms

- · Polishing unnecessary
- · Low cost
- · Quick delivery

Glass with various advanced functions

Specialty Glass

- · UV to visible light converter
- · IR to visible light converter
- · Blue filter
- · IR transmitting glass
- · Tempered glass, etc.

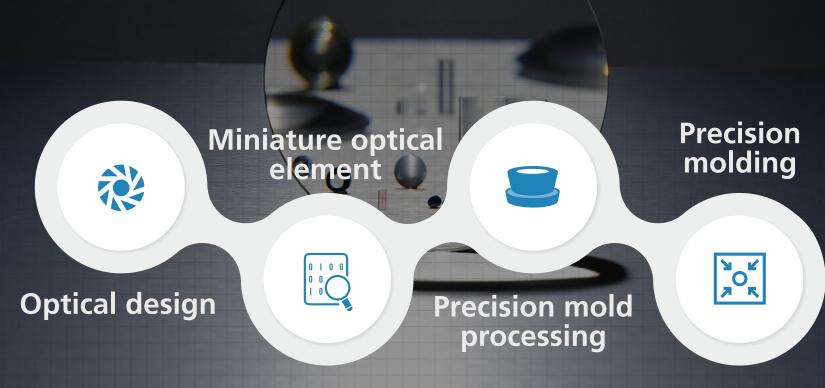




Optical System

We offer customized optical solutions including molded aspheres, specialty lenses, and optical devices. Our engineering department is available to assist with product designs and development.







Optical System





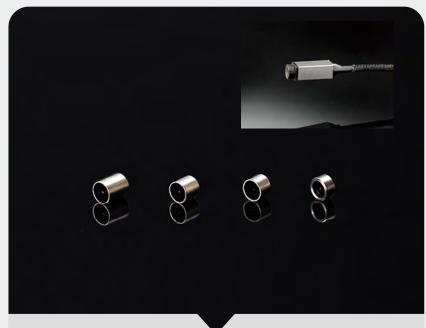
Aspherical lens

From micro size 0.35 mm to 30 mm in diameter



Specialty lens

In various shapes including micro lens arrays and sylindrical lenses



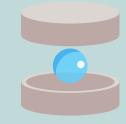
Lens unit

Lens units and sub-assemblies with CMOS



Optical device

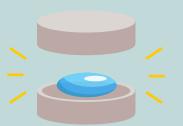
Optical device products with electronic apparatus









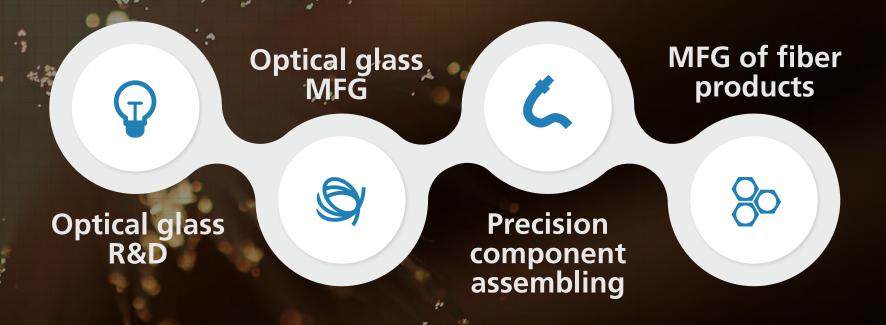






Optical Fiber

We draw optical fiber and manufacture light guides for a wide range of fields including image processing, sensoring, medical equipment and lighting.





Optical Fiber











For light transmission

Glass optical bare fiber

Broad lineup of fiber optics by the difference in opening angles from 15 to 120 degrees, and fiber optics having high transmittance For light transmission

Light guide

Light bundles which can be customized in many ways including the shape, NAs, dimension of fibers, length and branching of light guides.

For sensing

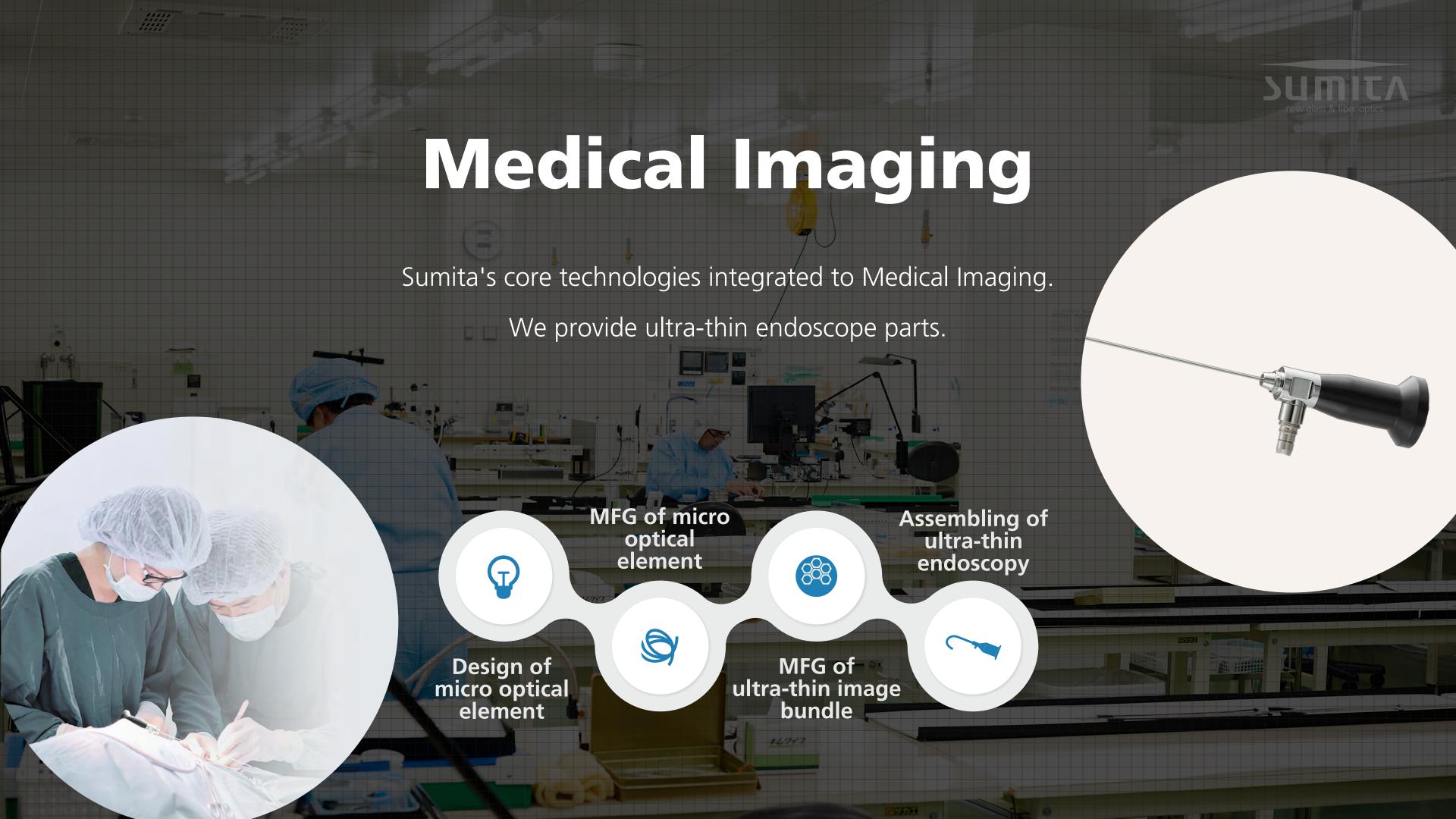
Fiber optic sensor

Fiber optic sensor for light projecting/receiving, etc. We design fiber sensors for your application.

For image transfer

Image bundle

Image bundles consisting of coherent fiber optic bundles are used for transmitting optical images from one end to the other.



Medical Imaging







Image bundle

Image bundles consisting of coherent fiber optic bundles are used for transfering optical images from one end to the other.



Objective lens Eyepiece

Objective lens units for CCD and CMOS sensors. All the lenses are aspheres, enabling bright and deep depth-of-field.



For light transmission

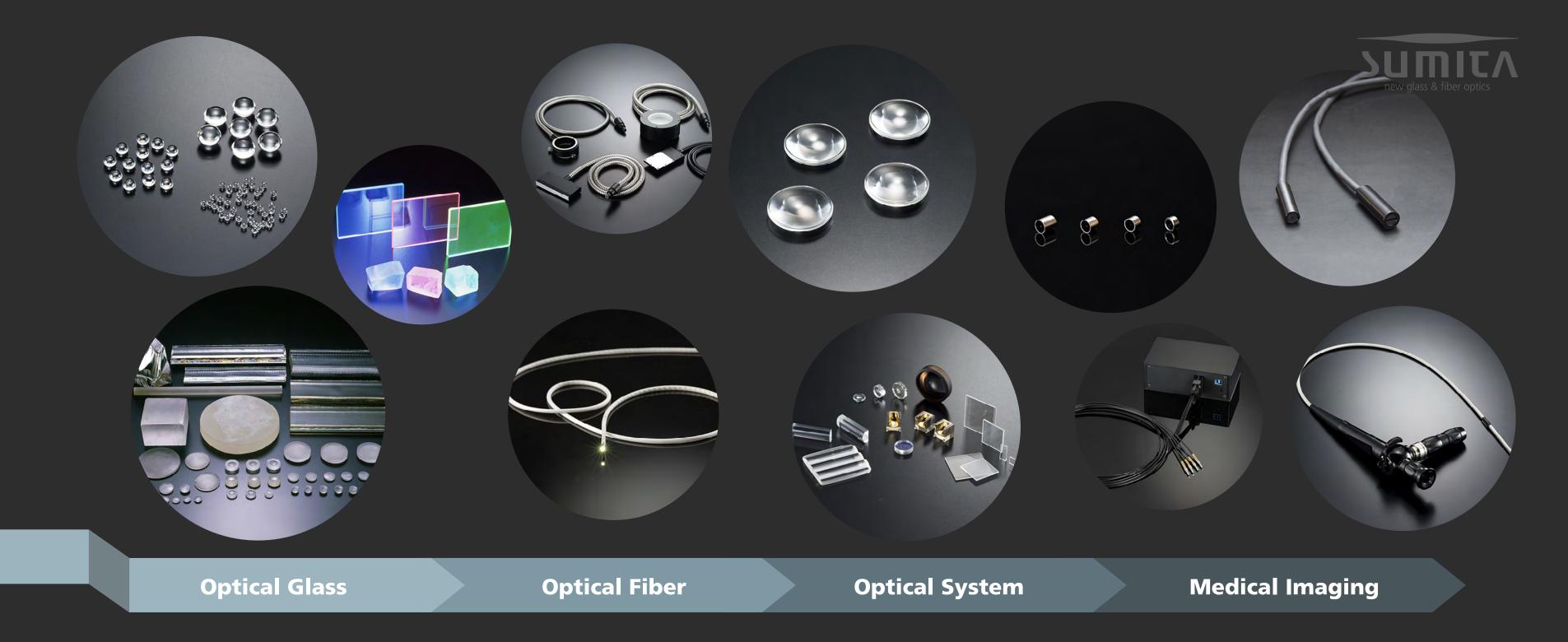
Light guide

Light bundles which can be customized in many ways including the shape, NAs, dimension of fibers, length and branching of light guides.



Tapered conduit

Highly efficient light guides for dental curing devices, and are perfect light probes for cavity.

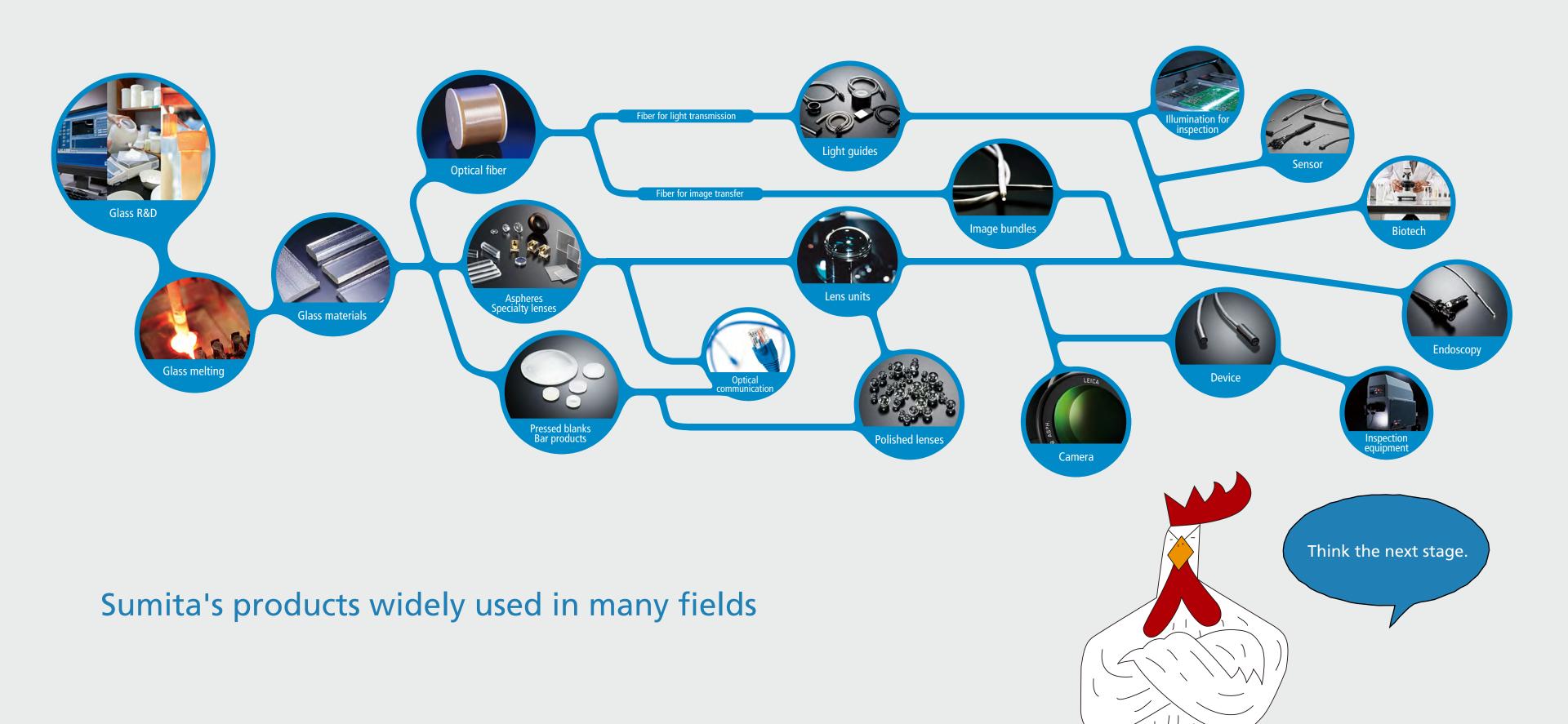


"Act freely, think flexibly and stay resilient."

As a leading-edge technology-oriented company, we have developed a number of new technologies.

Value Chain









Nazetaro

The SUMITA mascot is a rooster named Nazetaro. Nazetaro is not the narrowly confined chicken of a poultry farm, but a free-range rooster who thinks outside of the box.

Nazetaro represents our corporate philosophy, which is "Act Freely, Think Flexibly and Stay Resilient".

Sumita is full of passionate and talented employees.

Rather than excessive commercialization and corporate profits, we have been putting efforts on developing new technologies.



Act Freely, Think Flexibly and Stay Resilient.

Sumita Optical Glass, Inc. has nearly 100 years history and accumulated expertise within the optics industry. We have dedicated ourselves to providing the highest quality product to support development of industries.

We always welcome new challenges and look forward to co-developing new products with customers.

