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Our Philosophy

Trustworthiness and Creativity

Our corporate philosophy is "Trustworthiness and Creativity." These are simple words, but they are not easily put into practice. These important words represent unchanging principles to which we will always be dedicated.

Our Aspirations

Meeting needs. Exceeding expectations.

"Our Aspirations" mean not only to meet the needs of customers but also to provide customers with new value that exceeds their expectations. "Meeting needs. Exceeding expectations." is our vision for the future.

Our Commitments

Be proactive

Be broad-minded and well-informed in order to act quickly and resolutely.

Communicate well

Harmonize diverse skills by thinking out of the box and communicating effectively with others.

Seek new knowledge

Pioneer new potential through self-study and insatiable curiosity.

Display integrity

Work with diligence and sincerity as a responsible individual.

These are the everyday policies we live by to realize our aspirations.

Pursuing sustainable growth with "Trustworthiness and Creativity" as our base

In order to stay ahead of the rapid changes in the global market, corporate bodies such as Nikon must evolve. We at Nikon are preparing to revolutionize our business portfolio with a view to achieving sustainable growth. To this end, we will promote improved business efficiency and investment in prospective fields.

Regarding our precision equipment business, we aim to expand our market share by stepping up the launches of a growing range of semiconductor lithography systems with main features that outperform competitors' products. In the FPD lithography systems market, where we hold the top share, we will strive to further increase our presence by continuing to address customers' needs.

In our imaging products business, we will propose products and services with a greater optimization for use in an online environment, while striving to further penetrate global markets, including those in emerging countries.

In the microscope solutions business of the instruments business field, contract manufacturing of regenerative medicine products has begun. Meanwhile, in the industrial metrology business, we will extend our range to cover the aircraft and automobile industries by proactively suggesting business solutions.

The medical business is a pillar for our growth, and we aim for early development of this area through accelerating M&As and efficient use of corporate venture capital (CVC). We will speed up the solution proposal process by actively employing outside R&D resources and ideas, no longer attempting to solely undertake all activities. We plan to accelerate the business at the same time as expanding its domain into peripheral areas.

To achieve such goals, three values are vital in every field: "curiosity" that drives us beyond limits, "affinity" for accepting new experiences, and "communication skills" for consolidating knowledge, both within and outside the company. Bearing these three principles in mind, we will further strengthen our ability to provide business solutions and continue contributing to various fields in the realms of both industry and society.

Another key area of emphasis in Nikon's evolution lies in Corporate Social Responsibility (CSR). Maintaining fairness and integrity to all stakeholders is crucial in sustaining a company. At the same time, we will promote diversity, which benefits us with new ideas and problem-solving skills.

I am determined to do my best to rebuild Nikon Group in the most ideal way, while continuing to cherish our corporate philosophy of "Trustworthiness and Creativity." We ask for your continued support and guidance.

Kazuo Ushida President Representative Director



Exciting Encounters

Shoot superior pictures.

Experience the vividness of nature up close.

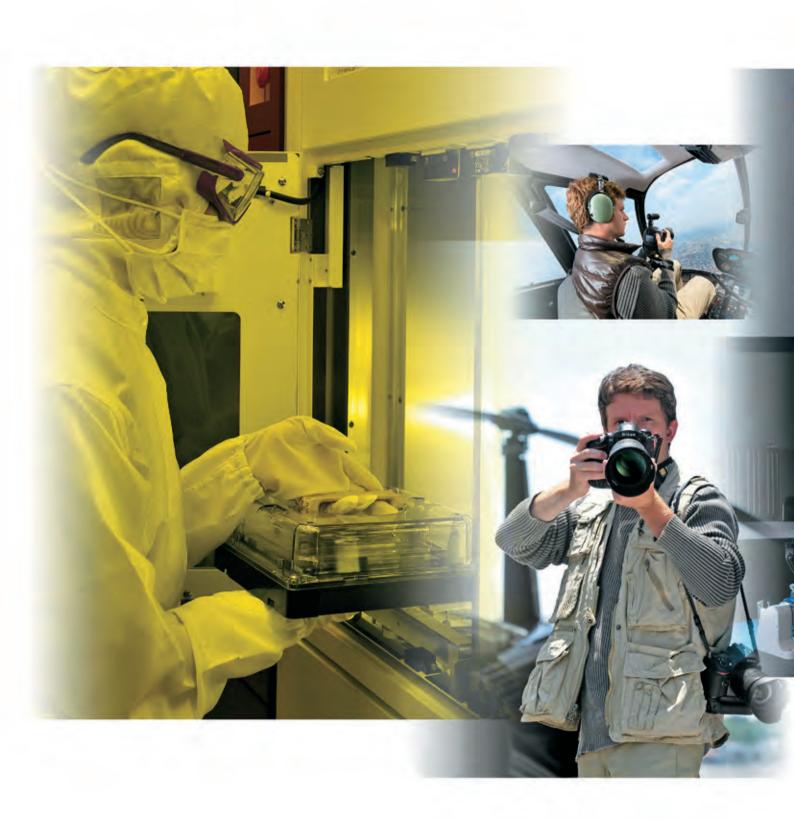
Enjoy large-screen, high-definition television with family and friends.

Broaden communications with high-performance, easy-to-use personal computers and smartphones. Exciting encounters with new products and services will realize people's dreams.

Nikon's technology will be there.









Uncompromising Technology

How far will IC integration go?

Will cameras equal — or surpass the human eye?

How clear will the mechanism of life become?

How far can we peer into outer space?

Our incessant advance toward dreams and our unwavering spirit for research will open the doors to the future.

Nikon's technology will be there.

Nikon technologies contribute to people's lives and future dreams.

Nikon is contributing to technology in numerous fields, from manufacturing semiconductors with nanometer-rule circuit patterns and advancing bioscience, to furthering the possibilities of imaging and capturing views of stars that are billions of light years away. What makes this possible? Our opto-electronics and precision technologies that we have nurtured throughout our history and used to create an extensive range of products, services and even more new technologies. Nikon will continue to enrich lives around the world, support cutting-edge industries that are shaping the future, and confront the challenges facing societies around the world.

Precision Equipment Business

Modern society reaps great benefits from the electronics fabricated in industrial sectors, including areas such as home appliances, personal computers and automobiles. Nikon is continuously advancing the production of semiconductor lithography systems that are used to manufacture semiconductors — the very core of electronics — as well as FPD lithography systems for manufacturing liquid crystal panels and organic light-emitting diode (OLED) panels that are indispensable to LCD TVs, computers, and smartphones. In these and many other ways, Nikon is fostering and innovating our electronics-based society.

•Semiconductor lithography systems •FPD lithography systems

→P12-13

Precision Equipment Business

Semiconductor Lithography Business FPD Lithography Business

Opto-electronics Technologies

Imaging Products Business

Thanks to advances in digital technology, the camera has evolved into an everyday device anybody can use to easily take high-quality pictures. For professional photographers, digital camera technologies have yielded remarkably advanced functions and performance that can significantly intensify creativity and expression. Nikon camera production acumen and technologies, both supported by our long history, will continue to expand imaging possibilities.

•Digital cameras •Film cameras •Interchangeable lenses •Speedlights

•Photographic accessories •Software •Sport optics

→P14-15

Imaging Products
Business

Instruments Business

Microscope Solutions Business Industrial Metrology Business

Instruments Business

Microscopes and measuring instruments from our Instruments Business are contributing to fields ranging from bioscience research to industrial sectors such as components for electronics, automobiles and aircraft. We also offer sophisticated, high-caliber surveying instruments used in architectural design and urban planning. Nikon supports the development of society with precision technologies and eyes firmly focused on the micro level.

•Biological microscopes •Industrial microscopes •Stereoscopic microscopes •Measuring instruments •X-ray/CT inspection systems •Surveying instruments

→P16-17

Precision Technologies

Other Businesses

Medical Business Customized Products Business Glass Business Encoders Business Ophthalmic Lenses Business

Other Businesses

The development of our business makes full use of the technologies that Nikon has accumulated over the years. Nikon businesses range from our newly established medical business field to familiar items like ophthalmic lenses, and more specialized goods such as industrial optical materials, encoders that are indispensable for factory automation, and cutting-edge technology utilized in space development. Through these businesses, we facilitate the evolution of science, technology, industry and society.

Medical Business •Customized Products Business •Glass Business •Encoders Business
 •Ophthalmic Lenses Business
 →P18-19



Nikon ultra-precision technology — supporting the evolution of our information society.

The first Nikon semiconductor lithography system was introduced in 1980. Semiconductor lithography systems are finely tuned machines that miniaturize circuit patterns and print them on wafers. Regarded as the most precise machines ever developed, they require ultra-high-resolution projection lenses, exceptionally exact driving mechanisms, and elaborate control technology.

As part of our semiconductor lithography business, because circuit pattern miniaturization is vital for enhanced performance and increased integration of semiconductors, we are continuously developing groundbreaking technologies. These include immersion lithography, which enables ultra-high NA (numerical aperture) by intensifying the projection lens' resolving power to the maximum level and filling the space between the lens and the wafer with purified water. We also created the *Streamlign* platform that simultaneously delivers excellent overlay accuracy and ultra-high productivity.

In our FPD lithography business, we supply lithography systems for increasingly demanded, small and medium-sized high-definition LCD panels, as well as organic light-emitting diode (OLED) panels for smartphones and tablet computers. For the production of LCD TV panels, that are becoming ever larger, we employ unique multi-lens projection optical systems.



NSR-S630D

Employing the *Streamlign* platform, which is known for its excellent accuracy and productivity, this scanner was developed for high-volume manufacturing of the sub 20 nm process node. The accuracy of Mix-and-Match Overlay (MMO), critical in multiple patterning, has been remarkably improved to meet customers' demands for more stable production.



By incorporating the *Streamlign* platform, performance of which was proven in immersion scanners, this scanner achieves enhanced overlay accuracy and higher throughput. This improved performance addresses customers' needs for increased accuracy and stable production in cuttingedge device manufacturing.

Products of FPD Lithography Business





FX-67S

Supporting 5th- and 6th-generation large-plate applications (approx. $1.5 \times 1.5 \, m$), the FX-67S enables manufacture of small and medium-sized panels from large glass plates. While enhancing productivity, this FPD lithography system also provides stable exposure with high resolution and high-precision alignment. It is suitable for manufacturing high-resolution LCD panels and OLED panels that are employed in smartphones and tablet devices.



Using the multi-lens projection optical system, the FX-101S is capable of handling 10th-generation large glass plates, which measure about 3 x 3 m. Single-scan printing produces six to eight large panels of over 60 inches screen size, making it an excellent solution for mass production.



Greater joys of imaging for more people.

Digital cameras are further expanding imaging possibilities, including shooting, viewing, processing and sharing. Nikon has been developing high-performance products by combining the latest digital image-processing and network technologies with Nikon film camera technology, whose fame has long been established since the Nikon Model I small-sized camera launched in 1948. By doing this, we not only meet an ever-increasing array of demands with a broad lineup range from cameras for family use to those for professional photographers, but also greatly enhance the world's photographic culture.

Other products offer pleasures unique to digital imaging: image-editing software, and online photo sharing service "NIKON IMAGE SPACE." We also extend the joy of viewing by offering binoculars, Fieldscopes and loupes, as well as portable laser rangefinders for use in golf.

Imaging Products Business



Digital SLR Camera **D4S**

The D4S achieves high definition and high image quality with its 16.2 effective megapixels, and features an extremely wide sensitivity range from ISO 50- to 409600-equivalent and high-speed continuous shooting at approx. 11 fps. The AF system reliably tracks subjects that are randomly or unpredictably moving. The improved performance at the high-sensitivity range in movie recording realizes smooth results with minimized noise. As Nikon's flagship model, it is designed to meet the strictest demands of professional photographers.



Advanced Camera with Interchangeable Lenses **Nikon 1 J5**

The Nikon 1 J5 features 20.8 effective megapixels, newly developed backside illumination CMOS image sensor and the new EXPEED 5A image-processing engine in a simple and modern body offering a sense of high quality and superb operability. While achieving the world's fastest*1 continuous shooting frame rate at approx. 20 fps with AF and the world's shortest*2 shooting time lag, this camera enables 4K movie recording — a first for Nikon digital cameras. Besides these advanced functions, a tilting monitor that facilitates self-portraits is also adopted for comfortable operation.

- *1 Among digital cameras with interchangeable lenses available as of April 2, 2015. Statement based on Nikon research.
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COOLPIX P900

This COOLPIX model employs 83x optical zoom covering from wide-angle 24 mm to super-telephoto 2000 mm (35mm [135] format equivalent) as well as up to 166x Dynamic Fine Zoom*1. The P900 also provides camerashake compensation effect equivalent to 5.0 stops*2 thanks to Dual Detect Optical VR and a shooting time lag of approx. 0.12 s*3.

*1 At the maximum image size. May change according to image size. Magnification of Dynamic Fine Zoom is calculated from the maximum wide-angle position of optical zoom. *2 Based on CIPA Standard; measured at approx. 350 mm (35mm [135] format equivalent). *3 Based on CIPA Guidelines; measured at maximum wide-angle position, subject brightness LV10, in Programmed auto exposure mode and Single AF autofocus mode.



COOLPIX AW130

This high-performance outdoor camera achieves underwater photography even at a depth of 30 m and provides superior shockproof and freezeproof performance. While featuring 16.0 effective megapixels*1 and a stylish, compact body design that is also suited for urban use, the AW130 incorporates a NIKKOR lens featuring an f/2.8 maximum aperture and 5x optical zoom covering from wide-angle 24 mm to telephoto 120 mm (35mm [135] format equivalent) as well as 10x Dynamic Fine Zoom*2.

- *1 May decrease with image processing.
- *2 Magnification of Dynamic Fine Zoom is calculated from the maximum wide-angle position of optical zoom.



Interchangeable Lenses for SLR Cameras **NIKKOR**

Our wide lineup of interchangeable lenses — from super-wide-angle lenses and super-telephoto lenses to fisheye and micro lenses — meets the diverse needs of our customers, from entry-level users to professional photographers. NIKKOR lenses accurately and beautifully capture subjects with superb depiction thanks to our time-honored, unique knowhow and cutting-edge technology.



Binoculars

EDG 8x42

Comprising our flagship models, the EDG series binoculars employ leading-edge optical technologies. For instance, EDG binoculars utilize Nikon's renowned ED (Extra-low Dispersion) glass, as well as a field-flattener lens system. Now, you can enjoy a sharp, contrast-rich and clear image throughout the entire field of view.



Fieldscope
EDG 85-A VR

The EDG 85 VR Series is the world's first Fieldscope to incorporate Nikon's lens-shift type VR (Vibration Reduction) system. This system maximizes the EDG Fieldscope's performance, ensuring comfortable, stressfree viewing.



Laser Rangefinder COOLSHOT 40i

This is a lightweight and compact laser rangefinder that is ideal for golf. Employing ID Technology, it displays the slope adjusted distance, which provides a guide to how far you should hit the ball and is especially useful when golfing on an uphill/downhill course. Nikon's First Target Priority Algorithm enables you to measure to the flagstick easily.





Providing solutions to diverse problems from bioscience to industry.

Our instruments business offers products and effective business solutions in diverse fields from bioscience to industry.

In the microscope solutions business, following a collaboration agreement signed with Lonza of Switzerland, the world's largest cell manufacturer, we have established a solid foundation for the business of contract manufacturing of cells for regenerative medicine. We will advance toward expedited clinical application of regenerative medicine in Japan. What's more, our super-resolution microscopes that realize extremely intricate observation are vital aids to researchers probing the principles and mechanisms of life science.

Sophisticated manufacturing processes, like those employed for electronic components, automobiles and aircraft, demand exhaustive quality control. To this end, our industrial metrology business offers a variety of products, including industrial microscopes, measuring instruments and X-ray/CT inspection systems. Furthermore, in the field of construction and surveying, Nikon-Trimble Co., Ltd., a joint venture between Nikon and U.S.-based Trimble Navigation Ltd., delivers high-precision surveying solutions that boost productivity.

Products of Microscope Solutions Business



Super Resolution Microscope N-SIM

N-SIM (Nikon's Structured Illumination Microscopy), a combination of technology licensed by the University of California, San Francisco, and Nikon's optical technology, allows observation of the minute intracellular structures of live cells with a resolution of approx. 100 nm — about double that of conventional optical microscopes.



Super Resolution Microscope N-STORM 4.0

N-STORM, which employs Stochastic Optical Reconstruction Microscopy technology licensed from Harvard University, has increased resolution to more than 10 times that of conventional optical microscopes. N-STORM delivers rich information that enhances understanding of the structure of living cells and biological phenomena at molecular levels.



Research Microscopes **ECLIPSE Ni Series**

Microscopes employed in advanced bioscience and medical research must be flexible to cope with the diverse methods of experiments. The ECLIPSE Ni series are research microscopes that respond to such demands with enhanced system expandability and operability, as well as acclaimed optical performance.



Cell Culture Observation System

BioStation CT

The BioStation CT allows time-lapse observation of cells while they are being cultured in the stable environment of an incubator. This not only mitigates the burden placed on researchers, but simultaneously enables tracking observation of cells without inflicting stress on them.





CNC Video Measuring System

NEXIV VMZ-R4540

Utilizing optical measuring technology and image processing performed by computer, this system automatically measures the dimensions and shapes of precision parts and electronic components, as well as transparent workpieces and those of complex design. Embedded with Nikon's exclusive linear encoder, it achieves highly accurate measurement.



Non-Contact Multi-Sensor 3D Metrology System

HN-C3030

As a non-contact 3D metrology system, the HN-C3030 offers the world's most precise*, high-speed measuring in a compact body. The device quickly acquires various data of the target such as surface form, surface waviness, abrasion, deformation and subtle unevenness, that have been difficult to determine conventionally.

* Statement based on Nikon research as of October 23, 2014.



XTH450

This system utilizes X-ray transmission to display the inner structure of electronic components, injection moldings and castings for nondestructive inspection. Employing a high-power X-ray, the XT H 450 enables inspection of large castings and highdensity metal objects, such as turbine blades. Providing internal images with the world's highest level of resolution delivered by the powerful 450kV X-ray, the XT H 450 addresses increasing demand for more accurate industrial inspections.



Nivo Series

Total stations are surveying instruments used to measure distance and angle. The smallest and lightest in its class, the Nivo series is especially effective in dangerous places such as steep slopes and high-rise construction sites. These units' curved, ergonomic design is a dramatic departure from traditional surveying instruments.



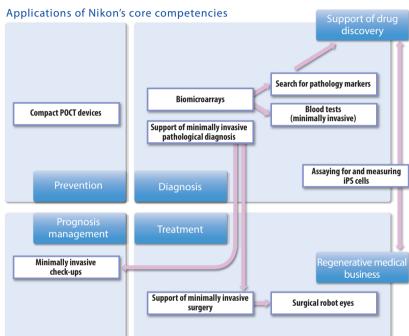
Core technologies bear much fruit.

Since our founding, Nikon has applied our opto-electronics and precision technologies to meet many of society's needs. Our efforts have borne much fruit: cameras, semiconductor lithography systems, microscopes, cutting-edge technologies involved in space development and many other products and systems vital for people's lives and industry. We have been able to achieve all this because we have always looked at the future of people's lives and society, developing new products and unique technologies that not only meet needs, but expand our business.

Medical Business

New Contribution to the Healthcare and Medical Field

We are developing a new medical device business to answer previously unmet needs at various medical levels such as prevention, diagnosis, treatment and prognosis management, by taking advantage of technologies such as those related to highdensity markers (reagents) that are based on Nikon's core competencies of opto-electronics and precision technologies. In April 2014, Nikon formed a business alliance with LSI Medience (previously Mitsubishi Chemical Medience Corporation), working toward development and commercialization of small-size Point of Care Testing (POCT) devices. Furthermore, in May 2015, we acquired Optos Plc, a leading company in the retina diagnostic imaging equipment market, as a wholly owned subsidiary. This creates the opportunity to develop our business base in the field of retina regenerative medicine by embracing the technologies and knowhow of this valued new affiliate.



Customized Products Business



Image: Courtesy of Japan Aerospace Exploration Agency

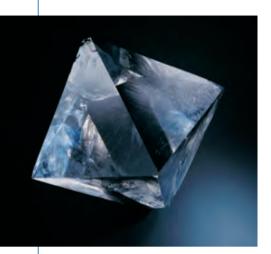
State-of-the-art Technologies for Space

Nikon's Customized Products Business addresses advanced customer needs by capitalizing on our stateof-the-art technologies. For example, our technologies are used in the exploration of the unknown domain of outer space. As a participant in the Hisaki project the Spectroscopic Planet Observatory for Recognition of Interaction of Atmosphere — which is the first ever space telescope to have been developed in the form of a dedicated planetary observation satellite for planets such as Venus, Mars and Saturn, we produced a primary mirror that plays a significant role in this telescope system. Also, we delivered two large-scale observation systems for the Subaru large-scale optical infrared telescope project, contributing to many results that will go down in history. In this way, Nikon's technologies are used in the uncharted territory of space.



To realize high accuracy and reliability, the base material of the primary mirror is silicon carbide (SiC). Although this is extremely hard to process, our high-precision processing technology made it possible to successfully fabricate the mirror (Photo is of a prototype using aluminum as the base material).

Glass Business



Optics that Use Accumulated Technologies

Nikon started research on glass manufacturing in 1918, the year after our founding as Nippon Kogaku K.K. Today, we continue to produce high-quality optical glass and photomask substrates for FPD using a comprehensive system — from melting raw materials to final processing. Technologies we have amassed by manufacturing synthetic silica glass and calcium fluoride (fluorite) used in semiconductor lithography systems are employed in components for lasers and other optics. We also provide analyzing and measuring services for optical materials and optics, contributing to quality control in different sectors.



Optics

Nikon's optical materials feature high homogeneity and have excellent optical characteristics. Our advanced processing technologies enable us to manufacture high-performance optics.

Encoders Business



Contribution to Advancing Robotic Technology

Encoders are employed as sensors in industrial robots and machine tools, measuring the quantum or angles of rotation. Our flagship Absolute Encoders adopt Nikon's original M-sequence pattern to achieve smaller size and higher reliability. Along with our linear encoders, Digimicro digital length measuring system and high-precision rotary encoders, Absolute Encoders are extensively utilized for sophisticated, automated and labor-saving measurement applications across a wide range of industrial sectors. As incorporated in the joints of the humanoid robot pictured at left, Nikon's Absolute Encoders are contributing to the development of next-generation robots.



Using a reflective optical system, the MAR-M50A achieves a height of only 12.74 mm. It is suitable for use in

small AC servomotors for industrial robots and service robots.

Photo: Courtesy of Honda Motor Co., Ltd.

Ophthalmic Lenses Business



Optical Technology for Today's Environment

At Nikon, we have been researching the eye and ophthalmic lenses for more than half a century, developing many groundbreaking products by applying our cutting-edge technology to vision. Nikon-Essilor Co., Ltd., a joint company with Essilor International, is in charge of ophthalmic lenses. One result of this research is fitting parameter optimization, which is a lens-customizing service that measures face contours, frame, the position of the eyes and glass lenses. We continue to develop advanced technologies to provide smoother, more natural vision.



Seemax Master

A progressive lens that makes use of lens shape and fitting parameter optimization to deliver the maximum lens performance. This premium-grade lens is optimally customized for each user.

Delivering Nikon's values to the world: Nikon globally expands its comprehensive power.

Our technology, products and services contribute to everything from people's everyday lives to space exploration. In order to deliver our products where they are needed, we have established our production bases at strategic points, and have positioned our sales and service locations based on careful analysis of industrial and market characteristics, as well as cultures and lifestyles. By combining the comprehensive power of these groups, Nikon delivers our values to the whole world.















Japar

- Tochiqi Nikon Precision Co., Ltd.
- Nikon Tec Corporation
- Miyagi Nikon Precision Co., Ltd.
- Tochigi Nikon Corporation
- Sendai Nikon Corporation
- Nikon Imaging Japan Inc.
- Nikon Vision Co., Ltd.
- · Kurobane Nikon Co., Ltd.
- Nikon Instech Co. Ltd.
- · Nikon-Trimble Co., Ltd.
- · Nikon Engineering Co., Ltd.
- Hikari Glass Co., Ltd.
- Nikon-Essilor Co., Ltd.
- Nikon Lenswear Experience Center Co., Ltd.
- Nikon Business Service Co., Ltd.
- Nikon Staff Service Corporation
- Nikon Tsubasa Inc.
- Nikon Systems Inc.
- Nikon and Essilor International Joint Research Center Co., Ltd.

The Americas

- Nikon Americas Inc.
- Nikon Precision Inc.
- Nikon Research Corporation of America
- Nikon Ir
- Nikon Canada Inc.
- Nikon Mexico, S.A. de C.V.
- Nikon Latin America, S.A.
- Nikon do Brasil Ltda.
- Nikon Instruments Inc.
- · Nikon Metrology, Inc.

Europe

- Nikon Holdings Europe B.V.
- Nikon Precision Europe GmbH
- Nikon Europe B.V.
- Nikon AG
- Nikon GmbH
- Nikon U.K. Ltd.
- Nikon France S.A.S.
- Nikon Nordic AB
- Nikon Kft
- Nikon s.r.o.
- Nikon Polska Sp. z o.o.
- Nikon (Russia) LLC.
- Nikon Instruments Europe B.V.
- Nikon Instruments S.p.A.
- Nikon Metrology NV
- Nikon Metrology GmbH
- Nikon Metrology UK Ltd.
- Nikon Metrology SARL
- Optos Plc

Asia, Oceania, the Middle East

- Nikon Holdings Hong Kong Limited
- Nikon Asia Pacific Pte. Ltd.
- Nikon Precision Korea Ltd.
- Nikon Precision Taiwan Ltd.
- Nikon Precision Shanghai Co., Ltd.
- Nikon Hong Kong Ltd.
- Nikon Singapore Pte. Ltd.
- Nikon (Malaysia) Sdn. Bhd.
- Nikon Australia Pty Ltd
- · Nikon India Private Limited
- Nikon Sales (Thailand) Co., Ltd.
- Nikon Middle East FZE
- PT Nikon Indonesia
- Nikon Imaging (China) Sales Co., Ltd.
- Nikon Imaging Korea Co., Ltd.
- Nikon (Thailand) Co., Ltd.
- · Nikon Imaging (China) Co., Ltd.
- Nikon Lao Co., Ltd.
- $\hbox{-} \ {\rm Nikon\,International\,Trading\,(Shenzhen)\,Co.,\,Ltd.}$
- Nikon Instruments (Shanghai) Co., Ltd.
 Nikon Instruments Korea Co., Ltd.
- Guang Dong Nikon Camera Co., Ltd.
- Hang Zhou Nikon Camera Co., Ltd.
- Nanjing Nikon Jiangnan Optical Instrument Co., Ltd.



Ratio of Net Sales by Industry Segment Ratio of Net Sales by Region Company Profile (for the year ended March 31, 2015) (for the year ended March 31, 2015) Company Name: NIKON CORPORATION Shinagawa Intercity Tower C, 2-15-3, Konan, Minato-ku, Tokyo 108-6290 Japan Tel: +81-3-6433-3600 Head Office: Instruments Other Other Areas Japan 3.3% 8.5% 23.5% 14.3% President Representative Director: Kazuo Ushida Precision Equipment Established: July 25, 1917 19.9% Capital: ¥65,475 million (as of March 31, 2015) **United States** Net Sales: ¥857,782 million ¥857,782 ¥857,782 23.4% (consolidated) (for the year ended March 31, 2015) million million China Number of Employees: (consolidated) 25,415 14.1% (as of March 31, 2015) Oi, Yokohama, Sagamihara, Kumagaya, Plants: Mito and Yokosuka Europe Imaging Products 24.7% 68.3%

We listen to our customers and the voices of societies all over the world.

Nikon's product manufacturing process begins with us listening to people all over the world — people from different walks of life, people involved in different industries — so we can understand precisely what they want from us. We gather customers' opinions in many different ways: sales, service and support activities, trade shows, promotional and other events, and via the Internet. To us, this information is invaluable. We are endeavoring to create new products and services that exceed customer expectations by aggregating and analyzing these opinions.



Supporting Professional Photographers

Nikon Professional Service (NPS) is an organization that provides assistance and services to its full-time professional photographer members, with top-quality service depots at international events. NPS responds to the exacting demands of professional photographers while applying their valuable feedback for product development. The photo above shows the professional service team from Nikon U.K. Ltd. in action.



Participation in Trade Shows

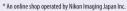
We participate in many different kinds of trade shows around the world, using them as precious opportunities to explain our products to customers. The photo above shows Nikon Metrology NV's booth at Control Germany*. Among the products we displayed were 3D metrology systems, 3D laser scanners, and X-ray/CT inspection systems.

^{*} The leading international trade fair for quality assurance, held at the Stuttgart Exhibition Centre.



Product Planning by Nikon Direct

Nikon Direct* plans and sells products such as camera bags, accessories and photography clothing by analyzing customer feedback gathered via phone, e-mail and original marketing surveys. By creating unique products in response to customers' tastes, Nikon Direct increases customer satisfaction.





Speedy Maintenance System

Nikon Tec Corporation is in charge of the maintenance of lithography systems, which have been called the most precise machines ever developed, in Japan. Most semiconductor and LCD panel production lines operate around the clock, so system failure significantly damages productivity. Field engineers provide prompt servicing to support the performance of our lithography systems. Feedback from these engineers helps improve the reliability of our products.

Boosting Sales in Emerging Markets

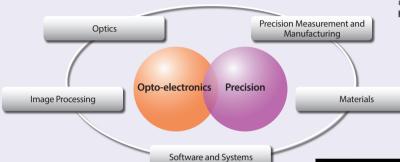
To facilitate better contact with our customers, we proactively set up sales subsidiaries in fast-growing, emerging economies, as well as showrooms and service centers. We are making efforts to obtain new customers by setting up marketing systems and conveying the appeal of the full range of our products. The photo below shows a showroom operated by Nikon India Private Limited.



By mastering optics and precision technologies, we create a new future.

To strengthen our existing businesses and create new businesses, it is vital to continue basic R&D activities based on a long-term perspective. With our core technologies — opto-electronics and precision — as a foundation, Nikon is conducting R&D in wideranging areas of technologies, such as optics, precision measurement and manufacturing, image processing, materials, and software and systems. The Core Technology Division, that conducts these R&D activities, supports our businesses with research results and expertise. Each of our business units also engages in R&D activities to develop attractive products. Our R&D, ongoing since our founding, manifests itself in our technological prowess and forward-thinking products.

Basic Technologies that Support Nikon

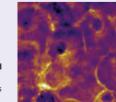


*The Technology portion of our website provides an extensive introduction to our R&D activities and core technologies. http://www.nikon.com/about/technology/index.htm

CARS Microscopy

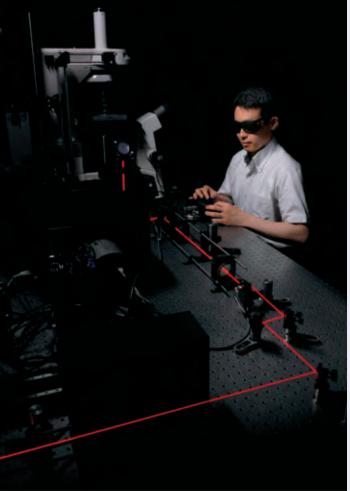
When irradiating a laser beam (pump beam) onto a substance, the weak light called Stokes light is generated*, which has a longer wavelength than that of the pump beam. When shining both the pump and Stokes beams simultaneously, they resonate with the molecular vibration originating from a chemical bond, resulting in the generation of coherent anti-Stokes Raman scattering (CARS) light. Each kind of substance exhibits a different resonant frequency, so that if the wavelength of the pump beam is fixed, adjusting that of the Stokes beam to a certain molecular vibration enables its identification. CARS microscopy obtains the images that display the distribution of a particular chemical bond within a biological specimen by irradiating these two beams simultaneously, scanning the laser focus, and collecting the CARS light. Such microscopic images will aid the study of mechanisms of particular parts of cell organizations and help discover the causes of diseases. Nikon is developing CARS microscopy by applying our long-cultivated image-formation theories to the irradiation optical system and imaging optical systems, and employing the latest digital technologies for the imageprocessing systems.

* This phenomenon is referred to as Raman scattering.



Human surface skin cells observed through CARS microscopy

By generating CARS light from lipid, its distribution can be observed.

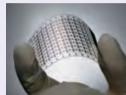


A visible laser was used for this photo.



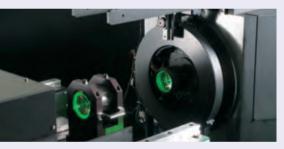
Thin Film Transistor Fabrication Technology (Flexible electronics)

Thin film transistor fabrication technology of creating electronic circuits or elements on thin, flexible plastic substrates has the potential to revolutionize manufacturing of electronics materials and devices. At Nikon, we conduct R&D of such fabrication technology (flexible electronics). One of our achievements is speedy manufacturing of complex circuits by forming transistors of oxide and organic semiconductors on plastic substrates. By distributing carbon nanotubes (CNT) on plastic substrates, we also developed CNT transistors, which may be applied for driving circuits of liquid crystal displays.



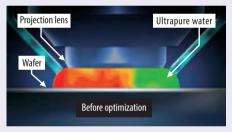
CNT flexible device

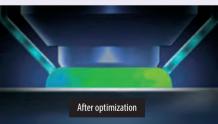
A semiconductor circuit is fabricated on a plastic substrate with semiconductor CNTs.



OPTIA, the Metrology System for Interchangeable Camera Lenses

The Optical Performance and Total Image Analyzer (OPTIA) is designed to automatically measure and evaluate the optical performance of interchangeable camera lenses. It was based upon wavefront aberration measurement technology that was originally developed for semiconductor lithography systems and has now been optimized for camera lenses. Unlike optical performance measurement categories such as resolution capability and the ability to create contrast which can be expressed numerically, the lens' ability to create visual appeal does not have established evaluation criteria. At Nikon, we term all such kinds of visual performance as "lens characteristics." Employing OPTIA, we study the relationship between these lens characteristics and optical performance. In addition, we can produce images that reflect the unique depiction qualities of each lens by using simulation software that was $developed simultaneously with {\tt OPTIA.Taking}\ advantage$ of such images allows us to more effectively control optical performance and efficiently develop high-quality lenses that produce attractive images.





Optimizing the ultrapure water temperature in immersion lithography systems

Optimization using thermal fluid simulation has realized uniformity and stability of temperature distribution.

Thermal Fluid Simulation

In semiconductor manufacturing, a thin layer of ultrapure water is inserted into a tiny space between the wafer and the projection lens in lithography systems to achieve high resolution. This is known as immersion lithography technology. The latest semiconductor lithography systems require extremely stringent control at the nanometer level. Even the exceedingly small temperature fluctuations in the water affect the accuracy of exposure. Thermal fluid simulation adapting analysis technology predicts and optimizes such temperature fluctuations of ultrapure water, and contributes to improvement of exposure accuracy. One of the aims of analysis technology application is to discern complicated phenomena which occur in product development, and to predict such phenomena with high accuracy. The currently established prediction technology is already utilized for various kinds of product development.

The joy of turning trust into products.

Precise manufacturing is the thread that connects all Nikon products, from optical components and digital cameras to microscopes and lithography systems. We are working at all our locations around the world to offer high-quality products that meet the needs of society. In addition to introducing the latest manufacturing facilities and technologies, we are shortening manufacturing lead times and reducing costs by reviewing production processes and innovating procurement. In Japan, plants in Oi, Yokohama, Sagamihara, Kumagaya, Mito and Yokosuka, as well as Nikon group companies in other locations, are in charge of production. Our global production system includes overseas facilities such as Nikon (Thailand) Co., Ltd. and Nikon Imaging (China) Co., Ltd.

Highly Efficient Line Production

Nikon Imaging (China) Co., Ltd. (see photo at right) manufactures products such as compact digital cameras, Nikon 1 Advanced Camera with Interchangeable Lenses, and 1 NIKKOR interchangeable lenses. Nikon (Thailand) Co., Ltd., Nikon's largest overseas production plant (see photo below), manufactures digital SLR cameras and NIKKOR lenses. At these plants, we use line production based on the pull system; for production of digital SLR cameras, processes from unit assembly to adjustment and inspection are designed to function linearly in an expansive plant. Fast, accurate work creates uniform products of superb quality. We are aggressively advancing efforts to improve each manufacturing process in order to realize further enhanced product quality, optimized work efficiency and shortened work hours.







Cell Production of Digital SLR Cameras

Sendai Nikon Corporation manufactures our flagship digital SLR cameras. Its cell production realizes higher quality and ensures the timely supply of products. Because each worker is responsible for multiple processes, each must have excellent techniques and uncompromised concentration. Such steady, dedicated effort yields the reliable, world-class products for which Nikon is known.



Advanced Processing by Nikon Master Craftspersons

We recognize certain employees as Nikon Master Craftspersons, exceptionally skilled people who take charge of manufacturing the parts of products that require extremely high precision and quality. In the photo at left, a Nikon Master Craftsperson is polishing lenses. Such traditional, sophisticated skills are indispensable when crafting cutting-edge products.



Adjusting Microscope Objective Lenses

Kurobane Nikon Co., Ltd. produces objective lenses for microscopes. We enhance the optical precision of these lenses by fitting them before the objective lens is completed, then microadjusting the lens groups inside the lens barrel while actually looking into the microscope. Then we use a unique inspection system to conduct final aberration checks.



Manufacture of Synthetic Silica Glass

We use synthetic silica glass for the projection lenses in our semiconductor lithography systems. The glass is formed when oxygen, hydrogen and silicon compound gases react with one another at temperatures reaching 2,000°C (approx. 3,600°F). It takes about a month for us to grow the sediment from the reactions into an ingot that weighs about one ton. Nikon's Sagamihara Plant produces high-quality synthetic silica glass to support the performance of projection lenses for semiconductor lithography systems.

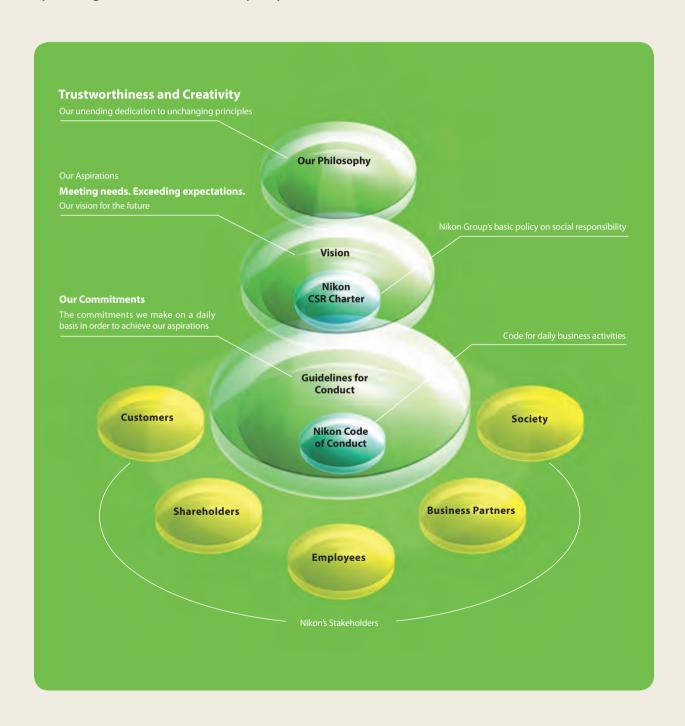


Production of FPD Lithography Systems

Flat panel displays are increasing in size as large-screen LCD TVs and digital signage become more popular. Nikon assembles, adjusts, and inspects FPD lithography systems that can handle extremely large glass plates. We manufacture and ship the stage, optical systems and illumination systems, etc., to our customers as separate units. We then assemble and adjust the components at the customer's facilities.

A company that advances alongside society.

The Nikon Group regards Corporate Social Responsibility (CSR) as one of the core policies of our corporate management. It is this process that helps us achieve our corporate philosophy, "Trustworthiness and Creativity." Addressing issues such as compliance, the environment and human rights, we not only coexist with society but support its sustainable development by maintaining communication with stakeholders. As part of such efforts, we established the Nikon CSR Charter, which shows our commitments to social responsibility. We also support the ten principles of the United Nations Global Compact on human rights, labour, the environment and anti-corruption, and are promoting activities in line with these principles.



CSR Promotion Organization

Aiming to effectively promote CSR, the Nikon Group has established the CSR Committee, a decision-making body for all CSR activities chaired by the Chairman of the Board. In addition, there are two subordinate bodies — the Business Conduct Committee and Environmental Committee, helping CSR to spread and be well-absorbed across the group companies. In the Nikon Group, the ratio of overseas operations is larger than that in Japan, in terms of both net sales and employee numbers, therefore, it is quite important to develop CSR activities at group companies outside Japan. Considering regional characteristics, our three holding companies now have responsibilities for an overall promotional function of CSR activities. In addition, we have divided our global business areas into six regions — Japan, Greater China, Europe, Asia, the Americas, and Korea, and established a CSR Committee in each area for discussing CSR issues.



Compliance (Corporate Ethics)

The Nikon Group defines that compliance means not only complying with laws and regulations but also conducting sound and fair business activities that are in line with corporate rules and social norms. We follow the established Nikon Code of Conduct, a set of principles applicable to all Nikon Group companies in Japan and overseas that are intended to encourage each employee to become more aware of compliance and able to make the most appropriate judgment in any circumstances. Furthermore, we established the Nikon Anti-Bribery Policy in 2014 to appeal within and outside the group our commitment to countercorruption. In promotion and dissemination of compliance, facilitators at various departments and group companies are working with regional holding companies, conducting activities well established in each locale.

Risk Management

To supervise risk management, the Nikon Group has created the Risk Management Committee. The Committee identifies risks that might critically impact corporate management, deliberates measures to reduce risks generally and determines in which order risks should be handled. The Nikon Group has also formulated a Business Continuity Plan (BCP). In addition, the Nikon Group takes various measures for information asset management under the instruction of the Information Security Division. We continue to strengthen our risk management system with a wider, holistic view of Nikon Group companies.



Asian CSR Committee

Human Rights, Labor Environment and Diversity

Our fundamental policy is to create an environment where every employee can fully leverage his or her abilities to produce effective results by treating all employees fairly and respecting diversity and human rights. In the year ended in March 2015, Nikon Group decided on our competency model, the ideal employee figure to bring about the corporate philosophy of "Trustworthiness and Creativity." Based on this model, in January 2015, we began programs that promote training and effective management of human resources with a global vision that transcends departmental and regional divisions. Meanwhile, we held the next-generation leader training program again following its success last year, with target employees from nine countries attending.

CSR Procurement

The Nikon Group procures materials from procurement partners in a sincere and fair manner based on the Nikon Basic Procurement Policy. The aim of this policy is to continue providing customers with products that optimally meet their needs while also helping to create a more desirable society and global environment and realizing the sustainable development of our corporation throughout our supply chains. We have established Nikon Procurement Partners' CSR Guidelines in order to facilitate the fulfillment of social responsibility, including the prevention of corruption while respecting human rights along the entire length of the supply chain. We also have established Nikon Green Procurement Standards for procuring environmentally friendly parts and materials. In recent years, the Nikon Group has been working, in cooperation with procurement partners, to solve issues of conflict minerals in Africa, as well as promoting the sustainable use of paper resources.

Working to deliver products in harmony with the environment.

The Nikon Basic Environment Management Policy applies to the entire Nikon Group and places our environmental measures under an environment management system. In 2010, we revised the Nikon Basic Environmental Management Policy to clarify our basic position on biodiversity, aiming to become a company in harmony with the environment that contributes to building a recycling-based society. We also follow the Nikon Environmental Action Plan, a three-year environmental activities program, as well as setting annual environmental targets. Under these initiatives, we make group-wide efforts to prevent global warming, reduce waste and slash the use of harmful chemical substances. Nikon implements environmental management based on the ISO 14001 environmental management system and is encouraging group companies in Japan and abroad to acquire integrated certification. For plants that have less impact on the environment, we are introducing the Nikon Eco Program, which consists of important elements from ISO 14001.

Lead- and Arsenic-free Glass



Nikon developed a special ecological glass that does not use harmful lead and arsenic. Other than for some special applications, we now use this environmentally friendly glass in all of our product sectors. The photo shows lead- and arsenic-free glass being manufactured at Hikari Glass Co., Ltd.

Use of Bioplastics



The EZ-Micro employs eco-friendly bioplastics in many parts of its body. It also uses lead- and arsenic-free glass and lead-free solder, making the entire product environmentally friendly.

Downsizing Packages



Nikon Packaging Assessment was established to reduce the environmental impact caused by packaging material. By implementing the rules as early as during package design phases, we are working to create lighter packages, that are easier to recycle and have less environmental impact when discarded, as well as increase the loading capacity of logistics. The photo above shows an example of packaging for a digital SLR camera (D3300), the volume of which was reduced by approx. 35% from the previous model (D3200).

Geothermal Heat Pump System



Geothermal air-conditioning equipment is popular in Switzerland, where natural energy is actively utilized. Nikon AG has been using a geothermal heat pump system for office air conditioning since it moved to its current location in 2003.

Solar Powered LED Lighting



Nikon Imaging (China) Co., Ltd. replaced the exterior lighting for its premises utilizing LED lights with solar panels. The company is also intending to install LED lights in factory hallways, the transformer substation and compressor rooms, as part of increased efforts to save energy and reduce carbon dioxide emissions.

Solar Power Generation System



Kumagaya Plant

The Yokohama Plant has a solar power generation system installed on the walls of the building completed in April 2013. It generates approx. 31,000 kWh annually, while slashing carbon dioxide emissions by approx. 12 tons a year. At the Kumagaya Plant, a solar power generation system has operated since January 2010, under a joint research program with the New Energy and Industrial Technology Development Organization (NEDO). It has achieved an annual power generation of more than 100,000 kWh and reduced carbon dioxide emissions by about 50 tons a year.

Contributing to the world — Nikon's social and cultural activities.

Nikon supports society and people's lives through its products and technologies, and contributes to society in various fields, including the environment and education. Nikon also actively continues its heritage of helping to foster the culture of photography. Furthermore, through its policies and actions, Nikon encourages every Nikon Group employee to behave as a good citizen and participate in activities that are beneficial to society.

Supporting the AKAYA Project in Japan

The AKAYA Project for biodiversity restoration is underway at Akaya Forest, a 10,000-hectare government-owned forested area extending into Gunma and Niigata Prefectures in central Japan. Nikon has supported this important project through the cooperation of the Nature Conservation Society of Japan since 2005. Many Nikon products are in use for the research and observation: binoculars and fieldscopes for monitoring birds of prey and cameras for recording purposes. Nikon also provides equipment for an endeavor that aims to enhance the habitat of golden eagles in Akaya, which commenced in September 2014. The plan is intended to restore the forest with rich biodiversity through long-term protection of golden eagles, endangered birds that are often referred to as the barometers of healthy forests. This is a first initiative of its kind in Japan.



Full view of Akaya Forest



Photo courtesy: Mr. Koichiro Oriuchi, Society for Research of Golden Eagle, Japan (Shot in Akaya Forest, November 2010)

Scholarship Programs in Thailand and Laos

Nikon implements the Nikon Shanti Scholarship, which supports students attending junior high schools, senior high schools and universities in Thailand. We also support Thai students studying at graduate schools in Japan. These two programs were established in 2007 and have assisted approx. 1,300 students. In addition, as part of the Shanti program, Nikon sends a framed picture of the scholarship students taken with family and friends as a gift to encourage the students in their studies and lives. Also, in May 2014, the "Nikon-EDFJapan Scholarship for Laos" and "Nikon-JICA Scholarship for Laos" projects were started. Commencing in September 2014, Nikon supports the education of approx. 100 junior high school students every year, mainly in Savannakhet Province where Nikon Lao Co., Ltd. is located, and approx. 40 university students pursuing their degrees at Savannakhet University. Nikon will continue to aid these programs, hoping to support the development of human resources that will play an important role in the future of Laos while also cultivating friendship with Japan.





Assisting Reconstruction through Photography

Nikon has continued to support recovery efforts following the 2011 Great East Japan Earthquake, based on the slogan "Assisting Reconstruction through Photography." Now in its fourth year, a total of 2,579 students from 41 schools and one organization took part in the Photo Book Project for Junior High School Students during the year ended March 2015. Students took photos, selected their favorites, and contributed them to a photo book along with captions expressing their feelings. Nikon meanwhile donated compact digital cameras and provided support through activities such as organizing photography classes at schools. We also continue to operate Nikon Plaza Sendai as a center for reconstruction efforts, while supporting employees who wish to volunteer.



Nikon Salons

In 1968, we opened a photo gallery in Ginza called Nikon Salon. Today, Nikon Salons in Ginza, Shinjuku and Osaka display the works of professional and amateur photographers from around the world, chosen through a stringent selection process by an independent panel. Each year, Nikon Salon presents awards to outstanding photographers, including the Ina Nobuo Award, the Miki Jun Award and the Miki Jun Inspiration Award.



Nikon Chair of Imaging Science at the University of Tokyo

The Nikon Chair of Imaging Science was established in April 2012 as the successor to the Nikon Chair of Optical Engineering, which had operated at the University of Tokyo's Institute of Industrial Science since November 2006 to develop Japan's next generation of optical industry leaders. The Chair offers lessons in fundamentals such as geometric optics, wave optics, image processing technology and practical lens design. It also increases opportunities for industrial-academic cooperation between promising optics researchers and engineers, furthering their ability to compete at a world-class level.







Nikon Photo Contest

Nikon has held the Nikon Photo Contest since 1969. Its goal is to cultivate a vibrant photographic culture by inviting all photo lovers — professionals and amateurs alike — from around the world to participate and share their passion for photography. Over the contest's history, about 390,000 participants have applied, while the photographic works submitted amount to some 1.54 million. The contest has established a video category since the 2012-2013 competition.

Fukushima no hana (Flowers of Fukushima), the 2014-2015 Grand Prize of the still photography category, photographed by Mr. Katsuhiro Noguchi, Japan.

Mastering optical and precision technologies.

Nikon's corporate history began in 1917 and the manufacture of optical glass started the next year. Since then, the two constants have always been our awareness of users' stringent demands and our uncompromising attitude toward manufacturing to continuously meet those demands. This spirit has uninterruptedly been handed down in Nikon.



Nikon at the time of founding



1952

 nikkor club is established to promote photography culture

1953

Nikon Optical Co., Inc. [now Nippon Kogaku (U.S.A.) Inc.] is established to export Nikon cameras to the U.S. and conduct technical services and market research

1959

 Nikon F, Nikon's first SLR camera, is marketed

1917

Three of Japan's leading optical manufacturers merge to form a comprehensive, fully integrated optical company known as Nippon Kogaku K.K.

1918

Oi Dai-ichi Plant (now Oi Plant) is completed

1932

 NIKKOR is adopted as the brand name for camera lenses

1910

1920

1930

1940

1950

1960

1921

MIKRON 4x, 6x ultra-small-prism binoculars are marketed

1925

JOICO microscope is marketed

1945

 With the end of World War II, production shifts to cameras, microscopes, binoculars, surveying instruments, measuring instruments and ophthalmic lenses

1946

- Pointal ophthalmic lens is marketed
- Nikon brand name is adopted for small-sized cameras

1947

 Tilting Level E and Transit G surveying instruments are marketed

1948

- Nikon Model I small-sized camera is marketed
- Model I profile projector is marketed

1967

Oi Plant's Ofuna site (now Yokohama Plant) is built

1968

- Photo gallery Ginza Nikon Salon is opened
- Nikon Europe N.V. (now Nikon Europe B.V.) is established in the Netherlands



Nikon Model I



First overseas production facility Nikon (Thailand) Co., Ltd.

1990

Nikon (Thailand) Co., Ltd. is established

1991

Mito Plant is built

1992

Nikon Instech Co., Ltd. is established

Nikon Singapore Pte. Ltd. is established

D1 digital SLR camera is marketed

In-house company system is inaugurated

2010

D3S and D3X digital SLR cameras, and NIKKOR lenses, are used in the International Space Station (ISS)

2011

Nikon 1 J1 and V1 advanced cameras with interchangeable lenses are marketed



Nikon D4S

- Nikon Plaza Sendai is opened
- D4 digital SLR camera is marketed

2013

Nikon Lao Co., Ltd. is established in Laos

2014

- D4S digital SLR camera is marketed
- NSR-S630D ArF immersion scanner is marketed
- Head office is relocated to Tokyo's Shinagawa area (Shinagawa Intercity Tower C, 2-15-3, Konan, Minato-ku, Tokyo)

Optos Plc became a wholly owned subsidiary of Nikon Corporation

1971

Nikon Photomic FTN is mounted on Apollo 15

Oi Plant's Sagamihara site (now Sagamihara Plant) is built

1980

1990

2000

2010



NSR-1010G

1980

is marketed 1981

 Ehrenreich Photo-Optical Industries, Inc. is acquired in the U.S. and renamed Nikon Inc.

Nikon F3 SLR camera is marketed

NSR-1010G Step-and-Repeat System

Nikon Fieldscope is marketed

1984

Kumagaya Plant is built

1985

Total Station DTM-1 surveying instrument is marketed

1986

NSR-L7501G large substrate exposure system is marketed

1988

- Nikon Photo Products Inc. (now Nikon Imaging Japan Inc.) is established
- Corporate name is changed to Nikon Corporation

2000

Nikon-Essilor Co., Ltd., joint venture with Essilor International of France, is established

2002

Nikon Imaging (China) Co., Ltd. is established

Nikon-Trimble Co., Ltd., a joint venture with Trimble Navigation Ltd. of the U.S., is established

- Yokohama Plant's Yokosuka Branch (now Yokosuka Plant) is built
- Nikon F6 SLR camera is marketed

Nikon Imaging (China) Sales Co., Ltd. begins operations

2006

NSR-S609B ArF immersion scanner is marketed

2007

D3 digital SLR camera is marketed

2009

- FX-101S FPD Scanner is marketed
- Metris NV became Nikon Metrology NV, a wholly owned subsidiary of Nikon Corporation



FX-101S



Company Profile 2015







