

Outline of Business

Nikon offers a wide range of products and solutions, including cameras, FPD lithography systems, semiconductor lithography systems, microscopes, optical components, metal 3D printers, and measurement and inspection systems.

Nikon provides a variety of products, services, and solutions worldwide, based on advanced opto-electronics and precision technologies cultivated over more than 100 years of history. To meet the diversifying and sophisticated needs of society with solid technical capabilities, we have established a flexible manufacturing system throughout the Nikon Group. Nikon will continue to contribute to the enrichment of daily life and society through the creation of new values, supporting the development of imaging culture and the realization of a super-smart society, as well as improving quality of life and assisting varied forms of manufacturing.

Imaging Products Business

Creating a richer and more diverse imaging culture.



Z9

[Mirrorless Camera]

Flagship mirrorless model with Nikon's preeminent still image, video functionality and performance.



Z6III

[Mirrorless Camera]

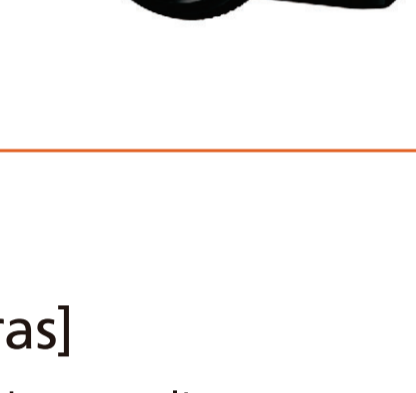
The world's first to adopt a partially-stacked CMOS sensor, the small body ensures cutting-edge features and performance.



Zf

[Mirrorless Camera]

The essence of the design, usability, and genuine excitement of photography derived from the FM2 film camera, implemented as a cutting-edge mirrorless model.



NIKKOR Lenses

[Interchangeable Lenses for Cameras]

Lens lineup includes NIKKOR Z lenses that realize a new dimension in optical performance and diverse NIKKOR F lenses.



NX Field

[Remote Shooting System for Professional Agencies]

Multiple cameras can be linked to support remote shooting and image transmission.



COOLSHOT PRO II STABILIZED

[Laser Rangefinder]

Equipped with the STABILIZED function and red internal OLED display. Ease of measurement has been even further improved.



WX 7 x 50 IF

[Binoculars]

An ultra-wide field of view realized by combining Nikon's leading-edge optical technologies and a passion for manufacturing.



MONARCH Fieldscope 82ED-S

[Fieldscope]

Sophisticated optical performance ensures a sharp and clear field of view.



Precision Equipment Business

Contributing to the realization of a super-smart society.



FPD LITHOGRAPHY BUSINESS

FX-88S

[FPD Lithography System]

Gen 8 Plate FPD Lithography System. Supporting panels for high value-added premium displays, such as smart devices, high-end monitors, and large TVs.

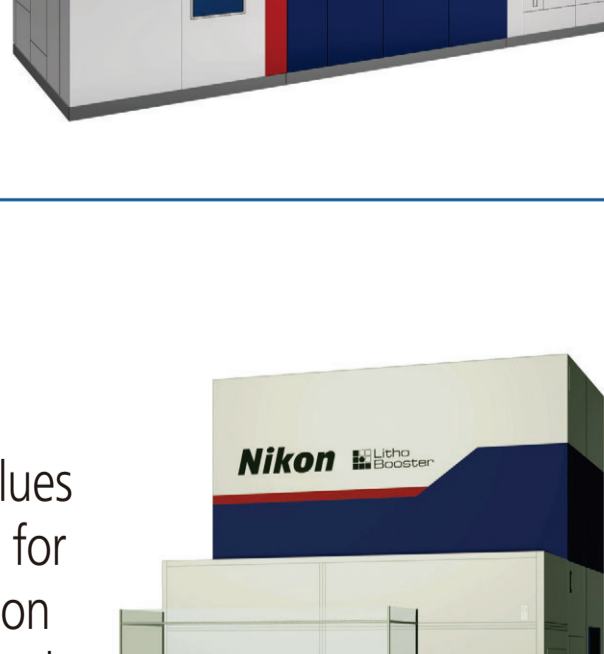


SEMICONDUCTOR LITHOGRAPHY BUSINESS

NSR-S636E

[ArF Immersion Scanner]

Lithography system for critical layers that accomplishes high levels of both overlay accuracy and throughput, providing solutions for diversifying device structures.



Litho Booster

[Alignment Station]

Measures absolute grid distortion values quickly and with ultra-high precision for all wafers prior to exposure. Correction values are fed forward to the lithography system to ensure highly accurate overlay correction, contributing to improvements in semiconductor production yield and ROI (Return on Investment).



AMI-5700

[Automatic Macro Inspection System]

Achieving high-speed inspection and measurement of the entire wafer surface through batch imaging, this revolutionary device enables inspection and measurement with a single unit.



Healthcare Business

Improving the quality of life of people around the world.



AX with NSPARC

[Confocal based Super-Resolution Microscope]

Enables everything from broad-range capturing of samples to capture and analysis of microscopic structures via super-resolution. Contributes to drug discovery and development as well as research fields such as brain science and immunology.

*Attaches to the ECLIPSE Ti2-E inverted research microscope.



ECLIPSE Ji

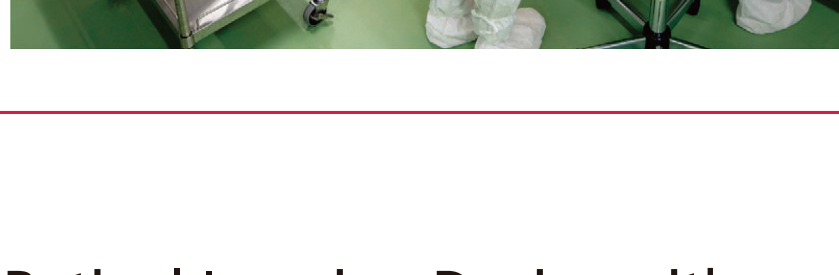
[Digital Inverted Microscope]

With AI assistance for all tasks from observation to analysis, this benchtop inverted microscope improves data acquisition success rates through efficient imaging workflow.



Cell & Gene Therapy Contract Development and Manufacturing

Provides process development and manufacturing service for cells and gene therapy.



Silverstone

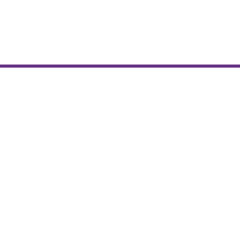
[Ultra-Widefield Retinal Imaging Device with Integrated UWF-Guided Swept Source OCT]

Capable of capturing an ultra-wide-field retinal image covering approximately 80% of the retina and a cross-sectional retinal image at any position in the ultra-wide-field image in one device.



Components Business

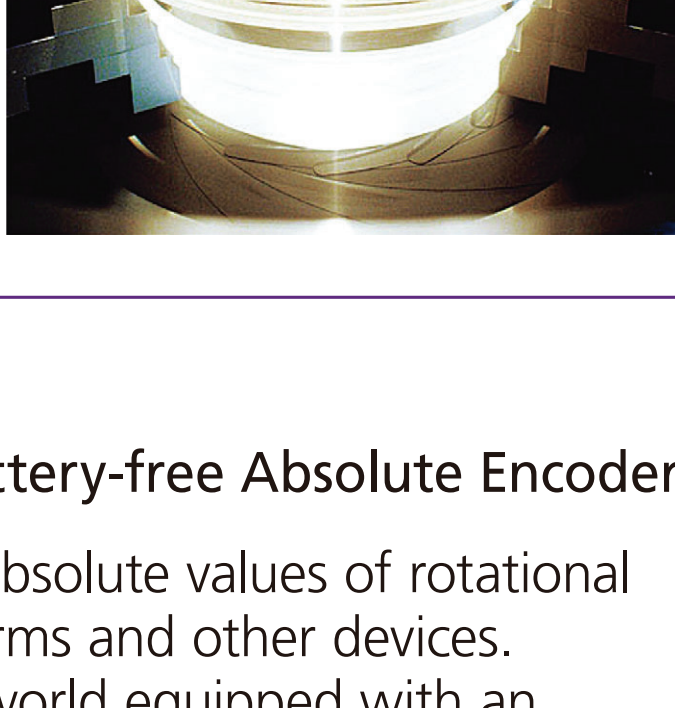
Providing products and solutions related to various sectors such as robotics and space.



INDUSTRIAL SOLUTIONS BUSINESS

Optical components

Provides total solutions from design consulting to mass production of optical components.



MAR-M700MFA

[Multi-turn External Battery-free Absolute Encoder]

Sensor device to detect absolute values of rotational displacement for robot arms and other devices. The first encoder in the world equipped with an all-solid-state battery*, achieving maintenance-free operations.

*According to our research at the time of release on Nov. 20, 2023.



“NEXIV VMZ-S” Series

[Video Measuring Systems]

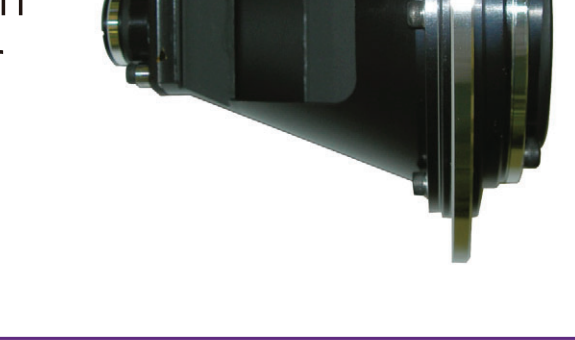
Automatically measures the dimensions and shapes of a wide variety of parts with higher speed and precision.



VOXLS 40 C 450

[X-ray and CT Systems]

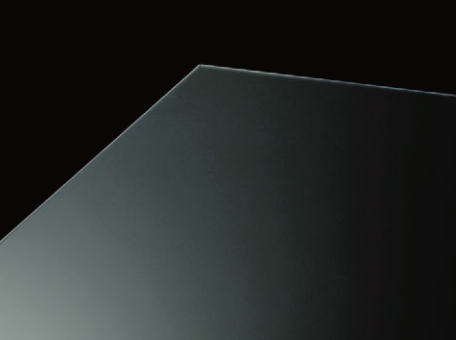
Achieves non-destructive, high-precision inspection and measurement of components ranging from compact electronics parts to large items such as aerospace components.



CUSTOMIZED PRODUCTS BUSINESS

Optical systems for AKATSUKI

Designed and manufactured the optical systems for the lightning and airglow camera (LAC), 1μm camera (IR1), ultraviolet imager (UVI), and the lens of the 2μm camera (IR2).



GLASS BUSINESS

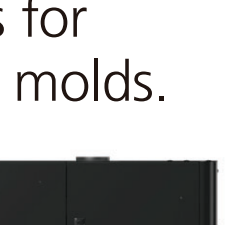
Photomask substrates for FPD

Provides high-quality, high-value-added FPD photomask substrates by fully utilizing our precision polishing, film-deposition and measurement technologies.



Digital Manufacturing Business

Innovative manufacturing with material processing technology.

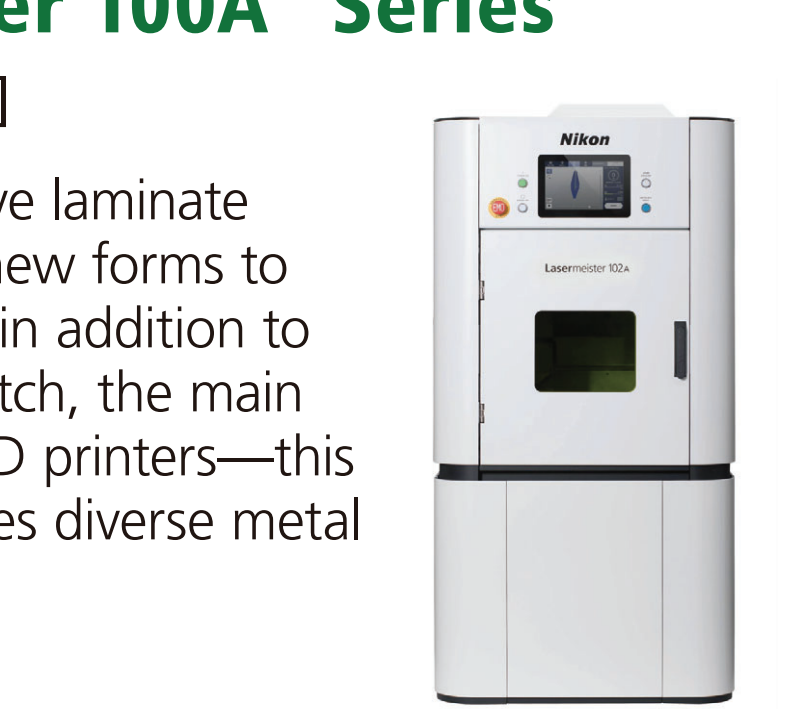


ADVANCED MANUFACTURING BUSINESS

“Lasermeister LM300A”

[Metal 3D Printer, 3D Scanner]

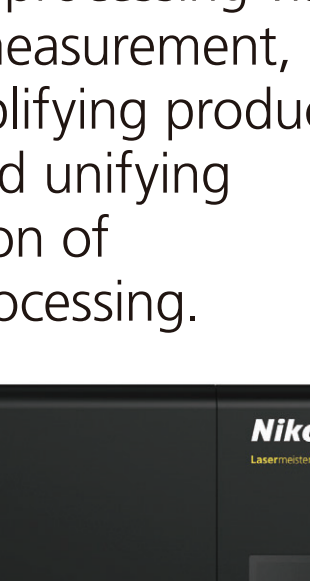
Combining the Lasermeister LM300A and Lasermeister SB100 yields corrective solutions for high-precision automated turbine blades and molds.



“Lasermeister 100A” Series

[Metal 3D Printer]

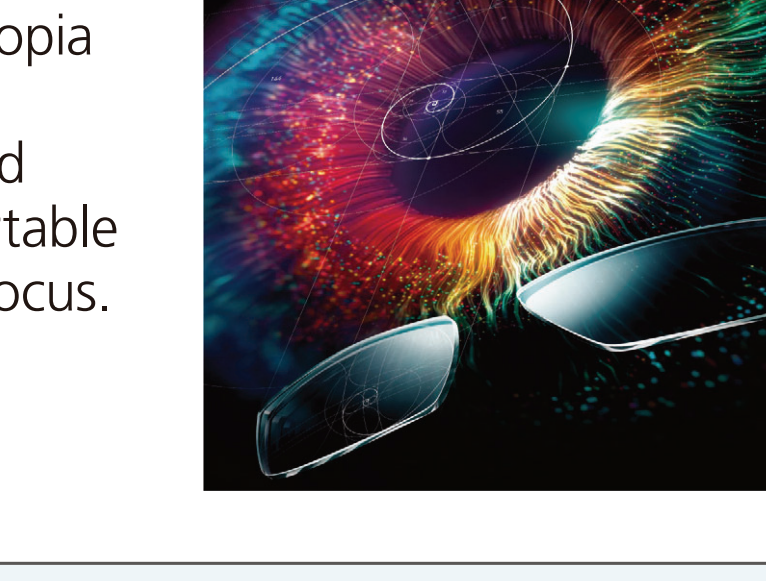
By enabling “additive laminate modeling” to add new forms to existing products—in addition to modeling from scratch, the main purpose of metal 3D printers—this series accommodates diverse metal processing needs.



“Lasermeister 1000S” Series

[Laser Removal Processing Machine]

Easily achieves difficult high-precision processing via ultrashort pulse lasers and onboard measurement, and contributes to such DX efforts as simplifying product quality management and reducing and unifying individual operations through utilization of measurement data during removal processing.



Other Businesses

OPHTHALMIC LENSES BUSINESS

Century AI 2.0

New-concept presbyopia lenses designed by simulating the desired vision. Offers comfortable vision with smooth focus.

