Supports the 10.5th generation plate size, and optimized high-volume production of high-definition LCD panels for extra-large TVs, etc. Developed for high-volume 5 nm node-application manufacturing, realizing overlay accuracy and remarkable throughput.

Worldwide, Nikon provides a variety of products, services and solutions, based on advanced opto-electronics and precision technologies cultivated during the company’s more than 100 years of history. To meet the needs of the times and society with solid technical capabilities, we have established a flexible Monozukuri (manufacturing) system throughout the Nikon Group. Nikon will continue to deliver value in a wide variety of forms that contribute to the enrichment of society and daily life by supporting the development of imaging culture, the realization of a super-smart society, and the evolution of bioscience, and advanced manufacturing.

Digital SLR Camera
D6
Highly capable model for professionals, with the most powerful AF performance in Nikon’s history.

D780
Equipped with advanced specifications and the technologies to inspire creativity.

[Minolta Camera]

D7
A Nikon first: stunningly high-resolution to the very edges of the image combined with Nikon’s ecosystem.

[Compact Digital Camera]

COOLPIX P950
A super-wide 82.5x optical zoom that covers 2000 mm equivalent super telephoto and captures a world invisible to the naked eye.

[Binoculars]

WX 7×50 IF
A super-wide field of view realized by combining Nikon’s leading-edge optical technologies and a passion for manufacturing.

[Fieldscope]

MONARCH Fieldscope 82ED-S
Sophisticated optical performance ensures a sharp and clear field of view.

[Interchangeable Lenses for Cameras]
NIKKOR
Offers NIKKOR Z lenses that realize new dimensional of optical performance, as well as a diverse lineup of NIKKOR F lenses.

Digital SLR Camera
D780
Equipped with advanced specifications and the latest features to inspire creativity.

Mirrorless Camera
Z 7
Delivers outstandingly high resolution to the very edges of the image combined with NIKKOR Z lenses.

FPD Scanner
FX-103SH/103S
[ArF Immersion Scanner] NSR-S635E
[Alignment Station] Litho Booster
Measures absolute grid distortion values quickly and with ultra-high precision for all wafer sizes, for optimum overlay accuracy and reliable-throughput for advanced manufacturing.
**Super-Resolution Microscope**

N-SIM S

Enables super-resolution imaging observation of live cells ten times faster than conventional model.

**Inverted Research Microscope**

ECLIPSE T12

Significantly contributes to the most advanced bioscience research.

**Cell Culture Observation System**

BioStation CT

Enables stress-less tracking observation of cells.

**Ultra-Wide Field Retinal Imaging Device with Integrated UWF-Guided Swept Source OCT**

Silverstone

Capable of retinal and OCT imaging of approximately 80% of the retina in one device.

**Supporting cutting-edge manufacturing.**

**INDUSTRIAL METROLOGY BUSINESS**

**[CNC Video Measuring System]**

NEXIV VMZ-H3030

Automatically measures sample dimensions with the highest precision of the NEXIV series.

**[X-ray and CT Inspection]**

XT H 450

Utilized for inspection of such large castings and high-density metal objects as turbine blades.

**[Total Station]**

Nivo-Z Series

Precisely measures the distance and angle to the target object.

**GLASS BUSINESS**

Photomask substrates for FPD

Provides high-quality, high-volume-added FP photomask substrates by fully utilizing our precision polishing, film-forming and measurement technologies.

**OPHTHALMIC LENSES BUSINESS**

Seemax Ultimate Series

A presbyopia lens solution with selections that fit your lifestyle. Offers an extremely flexible “Vision Comfort Preference”, no matter your sensitivity.

**DIGITAL SOLUTIONS BUSINESS**

Optical components

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

**[Multi-Turn Battery-Free Absolute Encoder]**

MAR-MX60A-MF

Enables absolute linear position with a proprietary technology that maintains rotational velocity even if main power is lost. Widely utilized in industrial robots and similar applications.

**[Optical Processing Machine]**

Lasermeister 101A

Uses a laser to facilitate high-precision metal processing, including additive manufacturing, laser marking and welding.

**INDUSTRIAL METROLOGY AND OTHERS**

**INDUSTRIAL METROLOGY BUSINESS**

**[CNC Video Measuring System]**

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