

USHIO

Businesses and Markets

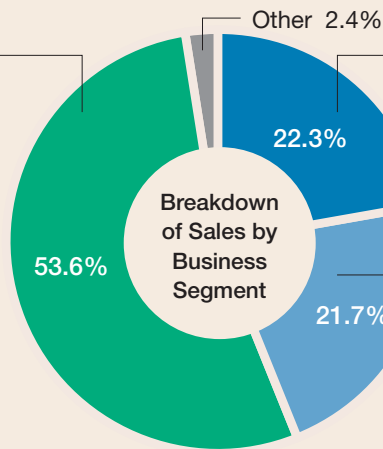
Light Source Business

Halogen lamp

Halogen heaters for OA equipment, illumination applications (commercial facilities, stage and studio lighting, specialized lighting, and others), and industrial applications

Discharge lamp / LED•LD

Light sources for manufacturing semiconductors, flat panel displays, and electronic components
Various light sources for use in cinema projectors, data projectors, illumination and industrial applications

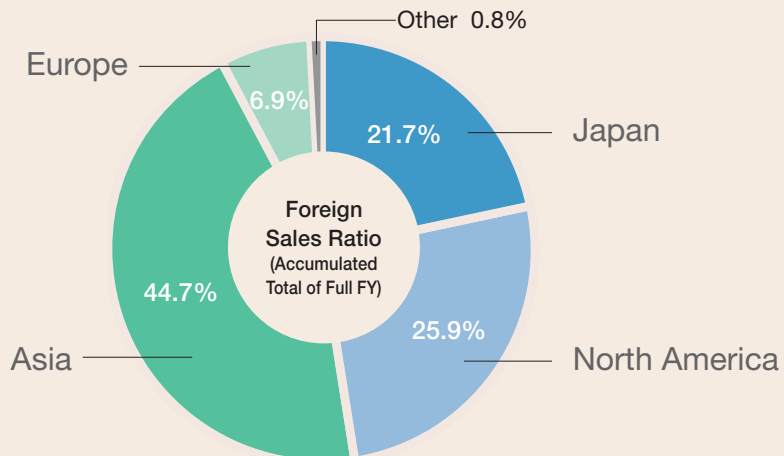


Imaging Equipment Business

- Digital cinema projectors (DCP)
- Digital projectors for general imaging (control rooms, simulators, digital signages, virtual reality systems)

Optical Equipment Business

- Optical equipment for manufacturing semiconductors, flat panel displays and electronic components (lithography tools, photo-cleaning units, photocuring equipment, and others)
- UV phototherapy devices and other medical equipment
- EUV light source for mask inspection



Annual Sales

¥175.0 billion

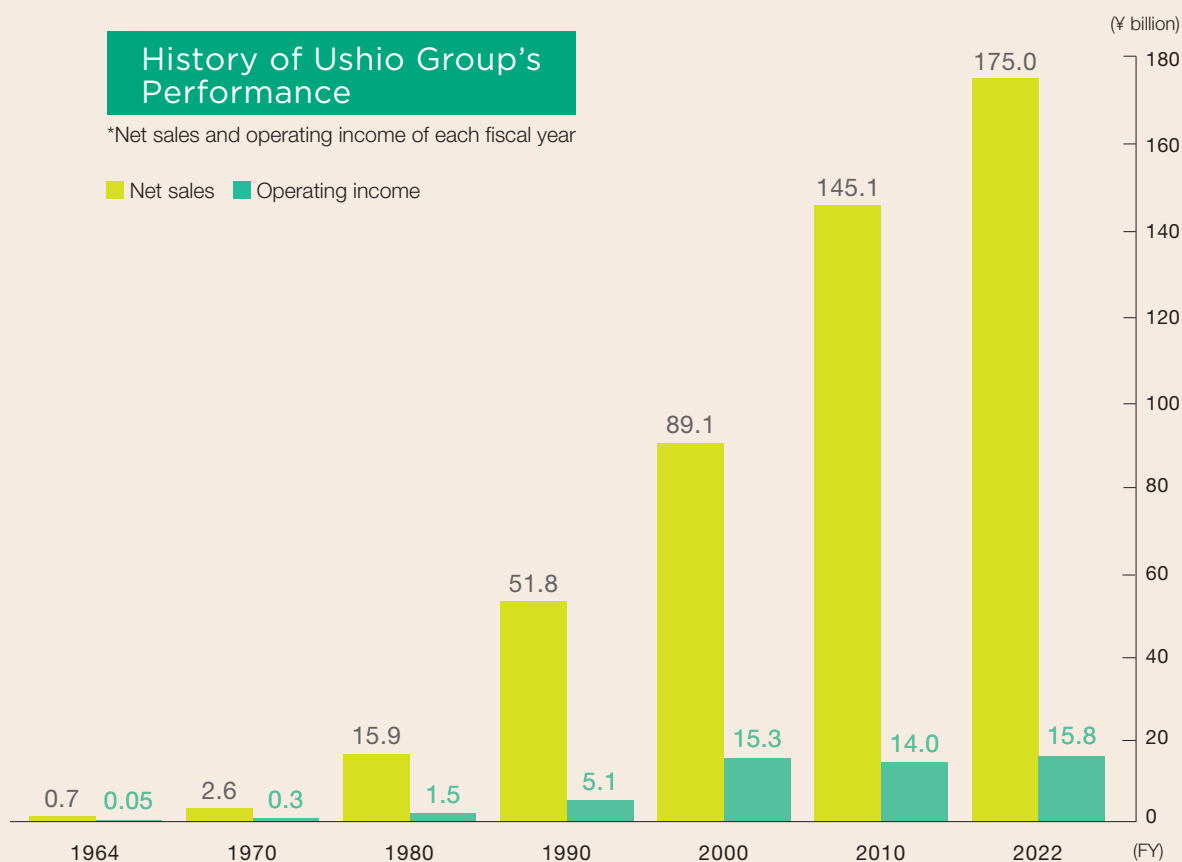
Fiscal year	2019	2020	2021	2022
Net sales	159.009	118.558	148.821	175.025
Operating income	6.659	0.764	13.068	15.861
Net income	8.967	-0.687	12.606	20.144
Total assets	274.904	290.275	321.096	323.622

(¥ billion)

History of Ushio Group's Performance

*Net sales and operating income of each fiscal year

■ Net sales ■ Operating income



*Performance of 1964 and 1970 are non-consolidated

1964

Ushio Inc. began operations as a manufacturer of industrial light sources in 1964. The company has since evolved into a “light creator” that provides light units, equipment, and systems as well as “light solutions” through developing new light sources and developing and applying proprietary optical technology. Ushio’s light technology is not only for “illumination” but is also widely employed in cutting-edge industrial segments and the science and technology arena as an energy source. In addition to producing countless products that have captured the top global share, we are currently cultivating new business fields in areas such as biotechnology, agriculture, medical application and the environment.

Global market share **75%**

UV lamps for semiconductor lithography

Global market share **90%**

Large field steppers for cutting-edge IC package substrates

*Cutting-edge IC package substrate market (Stepper market)

Global market share **50%**

Direct Imaging (DI) Lithography Equipment

*IC package substrate market (DI market)

Global market share **70%**

UV curing equipment for bonding LCD panels

Global market share **70%**

UV lamps for liquid crystal lithography

Global market share **95%**

Panel photo-cleaning equipment

Global market share **80%**

Optical alignment equipment

Global market share **35%**

Digital cinema projectors

Global market share **65%**

Lamps for cinema projectors

Global market share **20%**

Lamps for data projectors

Global market share **80%**

Halogen heaters for toner fixing

49 companies

Europe

USHIO

Ushio Europe B.V.

Ushio France S.A.R.L.

Ushio Germany GmbH

Ushio U.K., Ltd.

Ushio Poland Sp. z o.o.

R&D, manufacturing and distribution of UV lamps and devices for curing and disinfection, IR heating and drying lamps and systems, tanning lamps, as well as greenhouse lamps

Sales of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, metal halide lamps, laser diodes, LEDs and UV LED modules, excimer lamps and modules, sports facility lighting, optical equipment, medical devices and various power supplies

CHRISTIE

Christie Digital Systems Germany GmbH

Sale of various projectors for business use such as digital cinema projectors and projector-related products, provision of total solutions related to various projection displays, and provision of network monitoring systems for devices

Asia Pacific

USHIO

Ushio Asia Pacific Pte. Ltd.

Sale and technical support of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, mold protection devices, optical system products and other products

Ushio Asia Pacific (Thailand) Ltd.

Sale of various UV lamps, lamps for manufacturing electrical components and devices, lamps for illumination, xenon lamps for cinema, lamps for OA equipment, and other light sources and equipment

Ushio Asia Pacific Vietnam Co., Ltd.

Sale and technical support of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, units for OA equipment, optical systems, illumination products and solutions, medical devices and other products

Ushio Taiwan, Inc.

Sale and technical support of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, excimer units, excimer lamps, Laser Diodes, LEDs, various lithography tools, optical equipment, and lighting fixtures

Ushio Korea, Inc.

Sale and technical support of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, various lithography tools, water treatment reactor, medical/bio equipment, illumination, optical equipment and other products

Ushio Hong Kong Ltd.

Sale of halogen lamps/LED modules for OA equipment, light sources for projectors, UV-LED modules for printing, LED lamps for illumination, environmental hygiene devices, and other products

Ushio Shanghai, Inc.

Sale of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, various lithography tools, optical equipment, excimer units, excimer lamps, medical equipment, FA automation systems, illumination, illumination design, environmental hygiene devices and other products

Ushio Shenzhen, Inc.

Sale of super high-pressure UV lamps, xenon short-arc lamps, halogen lamps, various lithography tools, optical equipment, excimer units, excimer lamps, FA automation systems, environmental hygiene devices, and cosmetics as well as maintenance services

Number of Employees

5,357 employees

Ushio (Suzhou) Co., Ltd.

Design, manufacture and sale of lamp units for cinema projectors, optical processing equipment, industrial equipment for LCD and semiconductors, and other products

Ushio (Shaoguan) Co., Ltd.

Manufacture and sale of halogen lamps for OA equipment

Ushio Philippines, Inc.

Manufacture of xenon lamps for cinema projectors, UV short and long-arc lamps, and halogen lamps for illumination

Ushio Asia Trading Limited

Import and export of light source systems, light sources and components for Ushio Group companies, as well as sale and maintenance services

Japan

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Ushio Inc.

Light application products, industrial equipment and other businesses

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Ushio Lighting, Inc.

Manufacture and sale of lamps, lighting fixtures and devices of LED, Laser Diode, or halogen for general and special lighting

Sale of professional stage lighting systems, projectors, LED / LCD displays, marine lighting systems, security lighting systems, exposure systems, injection molding machines, mold protection device, inspection systems, plastic raw materials / valve / joint / tube, and FA systems

CHRISTIE

Christie Digital Systems Australia Pty. Ltd.

Christie Digital Systems (Hong Kong) Ltd.

Christie Digital Systems (India) Pvt. Ltd.

Christie Digital Systems (Shanghai) Co., Ltd.

Sale of various projectors for business use such as digital cinema projectors and projector-related products, provision of total solutions related to various projection displays and provision of network monitoring systems for devices

Christie Digital Systems (Shenzhen) Co., Ltd.

Development and manufacture of various projectors for business use such as digital cinema projectors and other imaging-related equipment

XEBEX

Xebex Inc.

Sale, installation and maintenance of digital projection systems, sound and imaging systems, screens, and peripheral equipment
NOC / call center service

Americas



ADTEC Engineering Co., Ltd.

Design, manufacture and sale of exposure system for PCB, and various general industrial automation systems



Sunsorit, Inc.

Development, manufacture, sale, wholesale and import/export business of beauty products for cosmetic medicine and cosmetic medical devices

Wholesale of cosmetic medical devices, beauty products for cosmetic medicine and related consulting services to university hospitals, general hospitals, private hospitals, medical esthetic salons, medical agencies, and beauty shops



Ushio America, Inc.

Design, manufacture and sale of lighting solutions including super high-pressure UV lamps, high-pressure UV lamps, xenon short-arc lamps, metal halide lamps, LEDs, halogen lamps, fluorescent lamps, miniature incandescent lamps into the semiconductor, general and specialty lighting markets



Christie Digital Systems USA, Inc.

Christie Digital Systems Mexico S. de R.L. de C.V.

Christie Digital Systems South America Ltda.

Christie Digital Systems Columbia S.A.S.

Sale of various projectors for business use such as digital cinema projectors and projector-related products, provision of total solutions related to various projection displays, and provision of network monitoring systems for devices

Christie Digital Systems Canada Inc.

Development, manufacture and sale of various projectors for business use such as digital cinema projectors and other imaging-related equipment



Necsel Intellectual Property, Inc.

Design, manufacture and sale of laser solutions selling wavelengths from UV – Visible – IR into the projection, telecom, industrial, medical and life sciences markets



Event Audio Visual Group, Inc. (d.b.a. Nationwide Wholesale Video)

Rental of large digital projectors for various events

Board of Directors and Audit & Supervisory Board Members/Domestic Business Bases

Board of Directors and Audit & Supervisory Board Members (As of June 29, 2023)

President and Chief Executive Officer
Koji Naito

Representative Director
Naoki Kawamura

Director
Kazuhisa Kamiyama

Director
Takabumi Asahi

Director
Tetsuo Nakano

Outside Director
Yasufumi Kanemaru

Outside Director
Sakie T. Fukushima

Outside Director
Toyonari Sasaki

Outside Director
Masatoshi Matsuzaki

Outside Director
Naoaki Mashita

Director and Audit & Supervisory Committee
Member
Nobuyuki Kobayashi

Outside Director and Audit & Supervisory
Committee Member
Rei Sugihara

Outside Director and Audit & Supervisory
Committee Member
Akemi Sunaga

Outside Director and Audit & Supervisory
Committee Member
Chiaki Ariizumi

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www.ushio.co.jp/en/

*Information included in this book is as of March 31, 2023 unless specifically mentioned.



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