



CORPORATE PROFILE

Daitron Group is an electronics engineering trading company group which combines high-level planning development capabilities, marketing power, and manufacturing technologies.

DAITRON CO., LTD.



Message from President, CEO and COO

Make a leap forward
in the global market
as a technology based company!

Shinsuke Tsuchiya,
President, CEO and COO

土屋伸介



We at Daitron Group has started moving toward the next stage to create new value.

Our goal is to be a technology-based company which grasp markets from a global viewpoint to create and provide values one step ahead of customer needs.

We are going to promote the Mid-Term Management Plan steadily with a view to fulfilling our Vision ahead of sustained growth.

Your continued support would be greatly appreciated.

Group Statement

Creator for the *NEXT*

“Grasp markets from a global viewpoint to create and provide value one step ahead of customer needs.”

This Group Statement expresses our idea of what the Daitron Group should be like.

The word “NEXT” in it indicates our aspiration as an engineering trading company leading the electronics industry to create new value capitalizing on its Network.

Three-Year Vision

Major policies

- A company that grows in the global market as a technology based company with net sales of over 100 billion yen
- A company that offers affluent lifestyles to society at large through electronics and electrical technologies
- A company that its employees feel happy to work for and proud of
- A company that has the strength of solidarity with an organizational culture of working autonomously and actively



Long-Term Vision

- A corporate group that is needed globally for its technological and proposing capabilities
- A corporate group that co-creates diverse values with all its stakeholders through business activities



Corporate Philosophy

Foundation Spirit

“Hard work, prosperous lifestyle”

Code of Conduct

Aggressively pursue all opportunities
Be inventive and innovative in all planning
Always obey the law and use common sense
Always be diligent and industrious
Work in a cooperative and team spirited manner

Management Philosophy

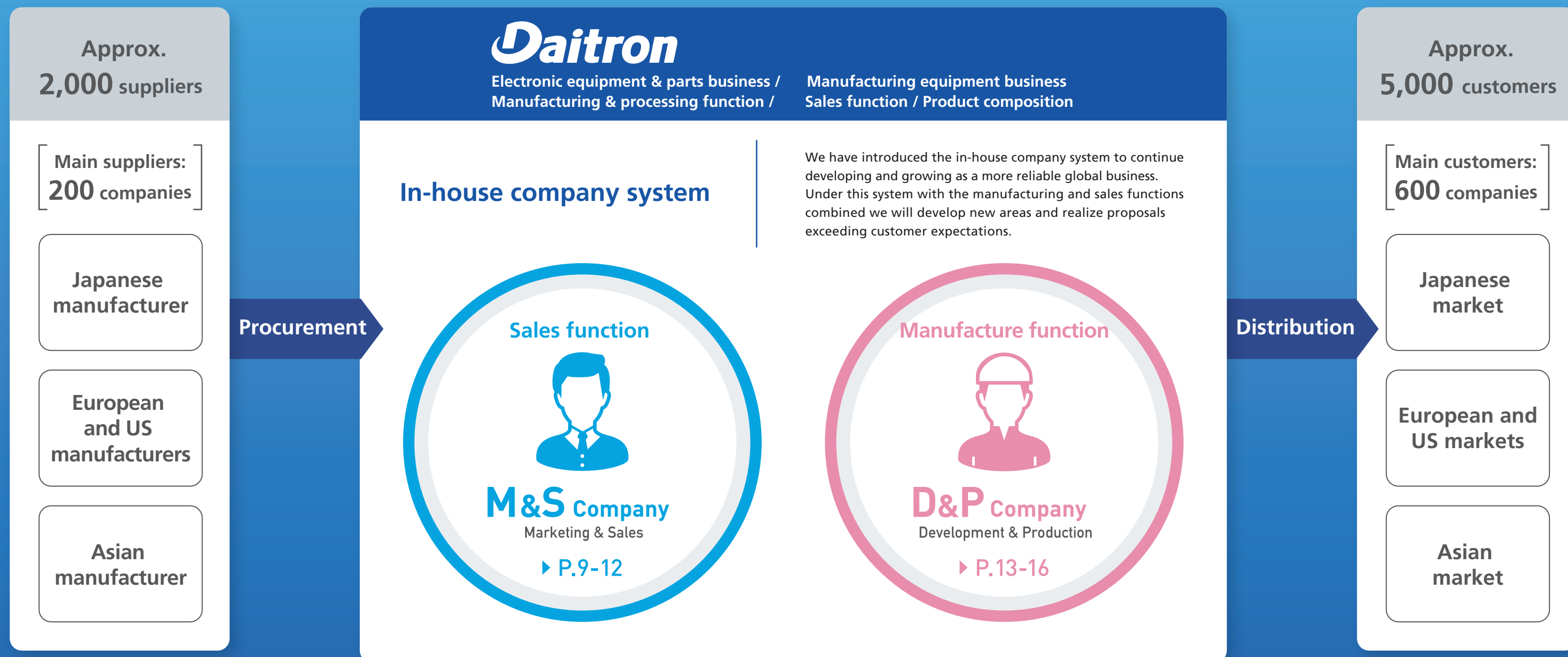
- Our Company will aim to provide a comfortable and safe work environment, respecting our employees’ needs for self-esteem and encouraging every individual to achieve their fullest potential.
- Our Company will do its utmost to satisfy its customers, shareholders, and suppliers.
- Our Company will strive to maintain a global outlook and continue to conquer challenges in technological innovations to provide high value-added products for our customers.
- Our Company is committed to being a good corporate citizen and actively participating in those communities where we are represented.

Compliance Basic Policy

Fairness Comes First over and above Profit or Anything Else.

Business Model

With a consistent system from manufacturing through sales, Daitron will not only provide yet higher quality products and services but also continue trying to create new business models.



Six strengths of Daitron



Procurement ability

To respond to diverse needs

We meet diverse customers' needs making full use of its nationwide and global networks.

▶ P.7-8



Logistics ability

To lead the industry

Same-day shipment realized by the most advanced logistics system.

▶ P.7-8



Foresight

To create new markets

We have great foresight with its own network to create leading-edge marketing products and promising markets.

▶ P.9-12



Marketing ability

To meet the needs of the times

We have the marketing ability to accurately judge market trends and customer needs.

▶ P.9-12



Planning & development ability

To create products new to the markets

We develop and provide Daitron original products aggressively to quickly and appropriately respond to customers' voices from the field.

▶ P.13-16



Manufacturing technologies

To provide the most advanced technologies

We provide high value-added products by capitalizing on manufacturing technologies based on accumulated know-how.

▶ P.13-16

Combined Manufacturing and Sales Policy

We will meet diverse needs by pursuing the “combined manufacturing and sales policy” based on the organic combination of the trading function and the manufacturing function.

The trading function equipped with planning development capabilities, marketing power, and manufacturing technologies. The manufacturing function with highly specialized abilities in fields from technical development to manufacture. Daitron Group creates more excellent products and services by combining its technologies and know-how in these two functions. Making full use of such comprehensive Group strength, we satisfy customer needs quickly and appropriately.



Proposes and sells most-advanced products accurately judging customer needs

M&S Company playing the Group's sales function. Its seven segments of the “Electronic parts / Electronic equipment” and five segments of the “Manufacturing Equipment” propose and market products best meeting customer needs.

Electronic parts / Electronic equipment

Seven segments

- Electronic Components & Assembly Products
- Semiconductors
- Embedded Systems
- Power Supply Equipment
- Image-related Equipment and Parts
- Information Systems
- Green Facility

Manufacturing equipment

Five segments

- FPD Manufacturing Equipment
- LSI Manufacturing Equipment
- Electronic Materials Manufacturing Equipment
- Optical Device (OPT) Manufacturing Equipment
- Energy Device Manufacturing Equipment

Osaka Head Office



Tokyo Headquarters



Sharing of market information

Developing original products



Develops and manufactures original products making use of its high level of technologies

D&P Company playing the Group's manufacturer function. Develops and manufactures high value-added original products based on its five core technologies of the “Parts Business” and six core technologies of the “Equipment Business”.

Parts business

Five core technologies

- Glass hermetic sealing technology
- Imaging technology
- Connecting technology
- Assembly technology
- Power management technology

Equipment business

Six core technologies

- Measurement control technology
- Thermal control technology
- Microfabrication technology
- Precise motion control technology
- Precision cleaning technology
- Grinding & polishing technology

Each factory



Develops and offers high value-added and cost competitive products and services and creates new markets

Our Domestic and Global Networks



We open up new possibilities by our own nationwide and global networks.

Overseas
15
locations

Asia
11
locations

Europe
2
locations

North
America
2
locations

Global locations

Philippines (Manila) / USA (Oregon) / Germany (Munich) / The Netherlands (Eindhoven) / Korea (Seoul) / China (Shanghai, Shenzhen, and Hong Kong) / Taiwan (Taipei) / Vietnam (Hanoi) / Thailand (Bangkok) / Malaysia (Kuala Lumpur and Penang) / Singapore

Global factory

USA (Nebraska)

Daitron Group (global)... 11 companies

Global Network

We started earlier than any other in the industry, and have aggressively promoted, global business, both importing and exporting. The brand power of "Daitron" as a global company having a number of global locations in the USA, East Asian, and South-East Asian markets and its presence in the global market have been gradually increasing. Daitron Group is seeking to further expand its global business from a worldwide point of view.

Export

■ Offers the same services overseas as in Japan.

Sharply grasping the needs of the local electronics industry, we export fine Japanese semiconductor manufacturing equipment, liquid crystal manufacturing equipment, and electronics parts. Customers will find our services satisfactory as we offer as well-developed services as in Japan from delivery to maintenance.

Import

■ Excellent products discovered from a global point of view.

We have engaged in importing business since 1958 from an international perspective. This long-term accumulation of experience and know-how has led to its present discoveries of products ahead of the times, serving as a driving force to open up new markets in the IT field.

Japan
23
locations

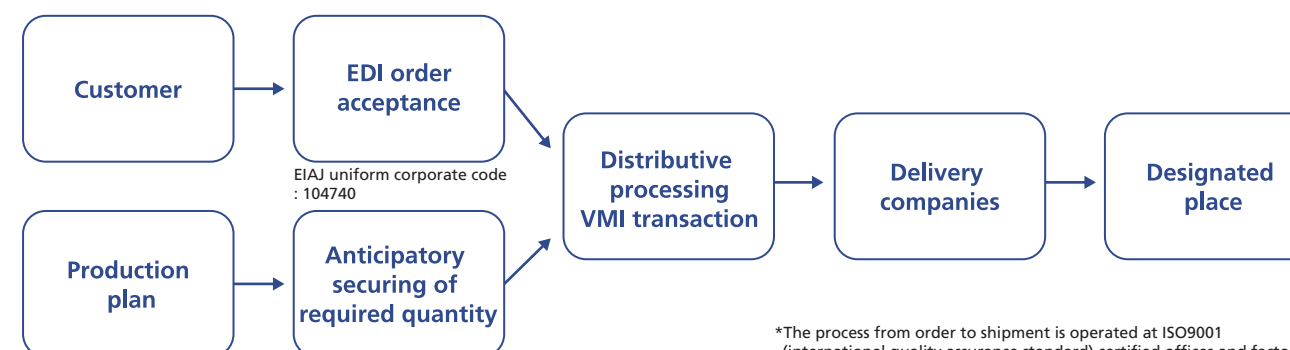


Domestic Network

Distribution System

■ Certain delivery and flexible response realized by Real-Time Logistics.

The Group is, in addition to seeking shortened lead time and accelerated delivery, promoting Real-Time Logistics, which provides real-time shipping data. Further, adoption of the two-dimensional bar code system has helped improve quality and prevent misshipment. In terms of inventory management responding flexibly to diversifying customer needs, we are proud of speedy and reliable delivery meeting the international quality and environmental management standards.



M&S Company - Electronic Equipment and Parts



Delivers satisfying products and services as well as comprehensive and specialized solutions.

Electronic Components & Assembly Products

Major Products Connector, Harness, PCB assembly, Wiring

- Information-communication equipment
- FA equipment
- Digital home appliances
- Vacuum equipment
- Automatic ticket gate
- Wearable devices
- General industrial equipment
- Semiconductor-related equipment
- Automotive equipment
- Imaging equipment
- Medical-related equipment, etc.



Underwater connector



Wire / Harness



Connector

Semiconductors

Major Products Analog IC, High-frequency IC, Power discrete, Image IC, Optical devices

- Information-communication equipment
- Image-related equipment
- Medical electronic equipment
- Digital home appliances
- Amusement
- Environmental & energy equipment
- High-frequency measuring equipment
- Automotive equipment, etc.



Analog / High-frequency IC



Visual IC



LED / Optical elements

Embedded Systems

Major Products Embedded (board) system

- Measuring equipment
- Medical-related equipment
- Image processing equipment
- Information-communication equipment
- Semiconductor-related equipment
- Automotive equipment
- Machine control equipment
- IoT(infrastructure, production site, deep learning), etc.



Industrial custom PC



Display system

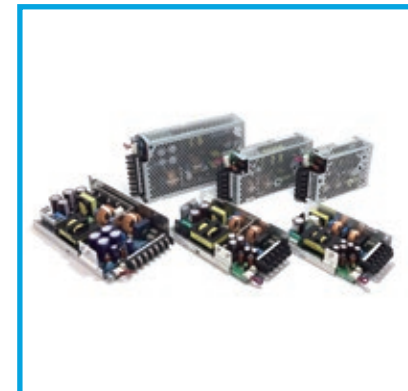


Embedded single-board computer

Power Supply Equipment

Major Products Switching power supply, Uninterruptible power supply (UPS), Transformer, Battery pack

- Measuring equipment
- Audiovisual equipment
- Semiconductor-related equipment
- Information-communication equipment
- Medical-related equipment
- Server related
- Automotive equipment
- Analysis-related equipment
- IoT-related equipment
- Other FA equipment, etc.



Switching power supply



Lithium-ion batteries



Uninterruptible power supply (UPS)

Image-related Equipment and Parts

Major Products CMOS camera, Lens, Light, Image processing equipment

- General industrial equipment
- Semiconductor-related equipment
- Electronics part equipment
- FA equipment
- Medical-related equipment
- Automatic distribution & transport equipment
- Automotive equipment, etc.



Imaging equipment



CMOS camera



Light

Information Systems

Major Products Video transmission system, Authentication device (IC card, vein authentication)

- Settlement terminal market
- Network equipment
- Security market
- Image information system
- Authentication system market
- Medical-related equipment, etc.



Video / audio conferencing devices



Web conferencing devices



Contactless IC card system

M&S Company - Manufacturing equipment



Satisfies your demand immediately with its excellent information power and mobility.

Electronic Materials Manufacturing Equipment

Major Application

•Silicon wafer •Quartz wafer •Compound wafer •Optical fiber / Optical lens •Oxide wafer •Hard disk negative •SiC •Sapphire wafer, etc.



Single wafer washing system



Wafer edge grinding machine



One surface wafer polishing machine

LSI Manufacturing Equipment

Major Application

•LSI, Mask, Oxide device •Ceramic device •Compound communication device •MEMS manufacturing equipment •Power device, etc.



Spin cleaner



Chip sorter



Fully automatic wafer tape mounter

Optical Device (OPT) Manufacturing Equipment

Major Application

•LD (red, blue / long-wave length) market •LED market, etc.



Aging equipment



Scribing / Breaking equipment



Direct Temperature-Controlled FET Aging System



Tester (LD / LED)



High-accuracy die bonder



Cap sealer

FPD Manufacturing Equipment

Major Application

•LCD panel •LCD panel color filter •Touch panel •Organic EL •EL backlight •Cover glass, etc.



Organic EL optical inspection equipment



Cover glass processing equipment



Imaging test equipment

Energy Device Manufacturing Equipment

Major Application

•Lithium ion battery •Solar battery, etc.



Electrode sheet inspection equipment



Electrode coating & drying furnace



Electrolyte leak inspection equipment

D&P Company - Parts Business Operation



Proposes total solutions based on a wide range of items and flexible response.

Business Domain

Switching power supply / UPS

Hermetic connector / Underwater connector

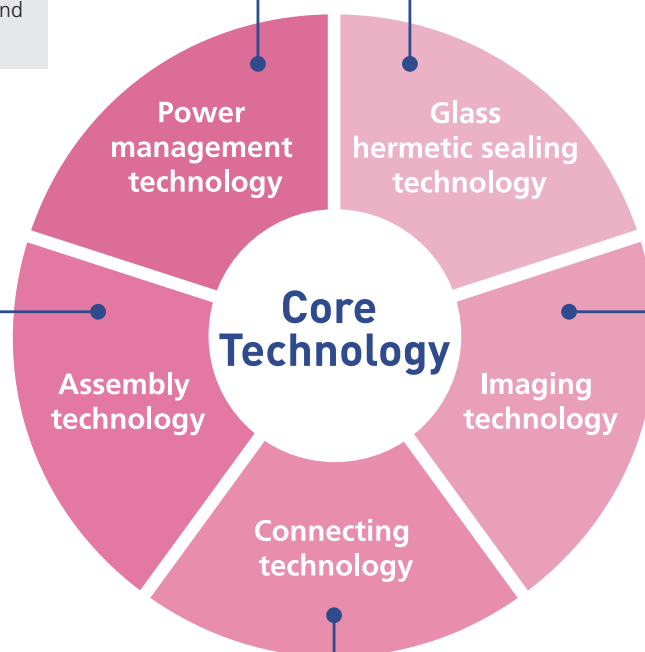
Wire harness

Camera cable / Customized camera

Core Technology

Making full use of power technologies with noises and heat considered, which are the starting point of power management technologies, we are developing ultralow-noise power supplies and other original products.

A technology to acquire good airtightness, pressure resistance, and electric non-conductance by glass sealing of metals.

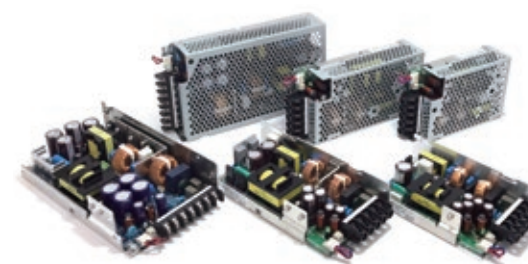


We respond to your requirements in production capitalizing on our assembly, wiring, adjustment, and inspection technologies for many different electronic equipment from industrial equipment to smaller units.

We develop interface products for industrial cameras and image peripheral equipment taking advantage of our special strength in image transmission technologies.

For miniaturized and densified connectors, we offer high quality and high performance products applying our wide range of connecting technologies such as soldering, crimping, pressure welding, molding, and fusion splicing.

Major Original Products



Ultralow-noise switching power supply



DC UPS for medical equipment



Hermetic connector



Underwater connector



Industrial wire harness



High-functional harness
(industrial Ethernet cable)

Ultralow-noise switching power supply/ Custom UPS

Our ultralow-noise switching power supplies have the advantages of both linear power supplies (low noise) and switching power supplies (small, light, and highly effective). We also offer custom UPS's using analog resources that will meet your needs.

■ Ultralow-noise switching power supply

The switching system of a complex resonance type make the waveform at switching smooth has realized ultralow-noise performance. Our lineup includes not only standard catalog items, but customized or fully-customized products as well.

■ Custom UPS

We offer UPS products of systems and batteries selected according to your uses including tried-and-tested items introduced to semiconductor equipment, medical equipment, etc.

Hermetic connector / Underwater connector

Extremely reliable component products capable of enduring severe conditions produced with glass hermetic technologies.

■ Hermetic connector

Special connectors with excellent airtightness and pressure resistance realized by metal and glass hermetic sealing technologies. Our connectors, feedthrough terminals and airtight terminals can be used under severe conditions such as high vacuum and high pressure.

■ Underwater connector

Highly reliable underwater connectors proud of a number of achievements at the ocean depth of 10,000-meter level based on our excellent glass hermetic sealing technologies and optical technologies.

Industrial / High-functional wire harness

■ Industrial harness

We offer high quality products using such connecting technologies as soldering, crimping, pressure welding, fusion splicing, and cabling, as well as total support to your requirements, including development and design.

■ High-functional harness

Our advanced connecting technologies respond to requirements in a wide range of fields including processing of downsized and densified connectors and applications to medical devices.

Constantly improving corporate systems to respond to customers' requests by streamlining material arrival / shipping, production process, and delivery management with IT technologies applied in each process, and having a variety of connectors from many manufacturers in our lineup.

D&P Company - Equipment Business Operation



Will solve your problems promptly by great information power and industry-leading technical abilities.

Business Domain

Semiconductor manufacturing equipment

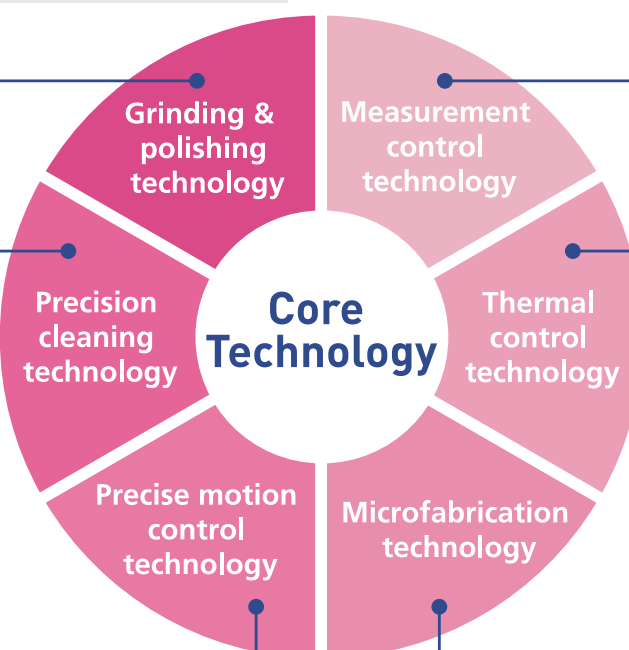
Opto-electronics

General industry

Core Technology

A technology of chamfering silicon wafers, compound semiconductors, sapphire and device wafers, etc. With not only the formed grinding wheel system but also the contouring system to control the contour shape while looking at the sectional shape added to our line, we will provide total shape-making solutions including measurement technologies.

Our high-speed pulse drive / measurement technologies and microcurrent measurement technologies required in optical devices enable safe and accurate measurement and evaluation.



A physical and chemical cleaning technology for wafers. We have accumulated various know-how in each process of cleaning.

A technology of handling and transferring the workpieces with speed and high precision. The basic technology behind our optoelectronics and semiconductor manufacturing equipment products.

We create the temperature environment most suitable for each device testing by making jigs appropriate to the shape of the device using the long accumulated heat radiation technology and employing the Peltier controller of our own manufacturing.

High-precision chipping technology from many different wafers with precise positioning and scribe breaking by a diamond cutter.

Major Original Products

Point scribing equipment / Breaking equipment



Point scribing equipment / Breaking equipment

Our scribing equipment and breaking equipment to realize micromachining from one wafer to highly precise semiconductor elements in units of microns. Having quickly established a unique micromachining technology for cleavage processing without damaging crystals forming a wafer, we have a large share in this field.

Feature

① High yield rate and productivity

Their high-speed and high-precision control achieves the maximum capacity of over 5,000 UPH in the chipping process for laser diodes. Sample testing on your device will enable us to propose processing conditions most suitable to obtain a high yield rate.

Feature

② Excellent versatility and customizability

Changing the tools and blades set on the equipment will enable various applications such as chipping of laser diodes and photodiodes or making bar-shaped laser diodes. Will offer image processing and working options best for your device.

Wafer chamfering machine



Wafer chamfering equipment

Our Edge Grinder series realized NC-controlled grinding in the chamfering process on silicon and other wafers for the first time in the world. We also manufacture the WBM series, which is a popular type becoming an industry standard already, and the CVP series, the newest type of high-precision chamfering systems.

Feature

① Highly reproducible processing quality

The adoption of the V-Twin contour machining (2-axis vertical grinding) method has realized a more precise and highly reproducible processing quality and more flexible end face shape grinding, which contribute to improved quality and productivity in high-precision wafer production as well as the thinning process in semiconductor device production.

Feature

② Improved productivity

The maximum throughput improved by 1.4 times* and the footprint of equipment reduced to approximately a half of conventional products achieve both higher-precision and higher-quality processing and increased wafer productivity of factories realized by downsized equipment at a high level.

*Our estimate in case of primary chamfering, which may vary depending on the grinding conditions.

Production system

By the trader and the manufacturer bringing together their respective strengths, a higher level of production system has been established.

Feature

① Response ability to diverse needs of customers

Diverse requirements of customers caught by the information collecting ability of the sales departments are embodied based on the core technologies of the equipment business departments. In the process of embodiment, our proposing power contributes to solving your problems making full use of the information, expertise, experience, and know-how accumulated in the past.

Feature

② Stable production ability

Each production site of the equipment business departments has its own production system such as the 100% order-based production system, mass-customized production system, middle-class middle-quantity production system, and fabless style. Daitron's stable production has been realized by the productivity improved by all such sites sharing these production know-how as well as a strong supply chain formed by cooperation with partner companies.

Corporate Social Responsibility

Our Efforts in CSR

We have responsibilities to fulfill as a member of the earth and society.

Environmental Management System

Company-wide positive activities for protection of environmental pollution, promotion of energy-saving, etc.

Daitron has obtained ISO14001 certifications and established a company-wide environmental management system to promote environmental conservation activities such as protection of environmental pollution, energy-saving, recycling, waste reduction and green procurement.

ISO14001 certified offices

- Head Office
- M&S Company
- D&P Company

Quickly responds to “green procurement” to reduce impact on the global environment.

Recently, more and more of our customers have been taking up green procurement activities to meet the EU directives on WEEE and RoHS2, as well as REACH, all of which are in effect in EU nations. We also have established a specialized section to investigate substances contained in our products and create a database for speedy feedback to customers.

Quality Management System

An organizational effort to ensure delivery as requested by customers and satisfy them.

Daitron has established an effective quality management system and obtained ISO9001 to secure quality standards in compliance with laws and regulations.

ISO9001 certified offices

- M&S Company
Quality Environment Promotion Office, Tama Sales Office, Tokyo Electronics Sales Office, Nagoya Electronics Sales Office, Osaka Electronics Sales Office, Tokyo Machinery Sales Office, Osaka Machinery Sales Office, and Procurement Dept. (Tokyo Center, Osaka Center)
- D&P Company

Efforts toward Compliance

For sound and smooth business operations, we have established and are promoting the Compliance Basic Policy on a company-wide basis.

The Group established the Compliance Committee to formulate basic compliance policies and manuals that provide for the codes of ethics focusing on the compliance system with internal and external applicable laws and regulations. Under this system the whole Group is strengthening internal controls and promoting compliance activities for sound and smooth corporate operations.

Welfare Activities

Carrying out welfare activities under a spirit of “Mutual communication and cooperation with cordiality,” pursuing society where people can live comfortably.

In 2001, Zenshiro Takamoto, the Company’s founder, established the Daitron Welfare Foundation to sponsor handicapped employment supporting institutions, etc. as well as research organizations studying on how to help the handicapped participate in society and improve their lives. The Company, in sympathy with them, is going to engage in these activities more actively.

Daitron Welfare Foundation
689-1, Aza Nogami, Iseochi, Ritto-shi, Shiga (in Wire Harnesses Factory of the Company)



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