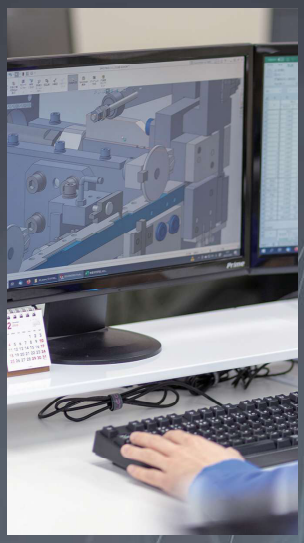
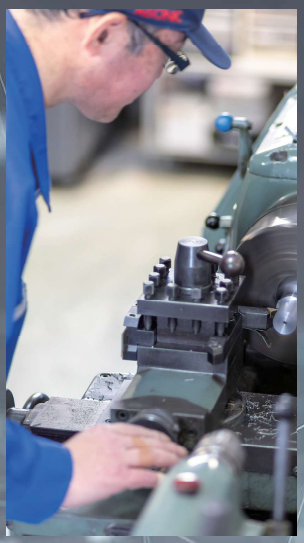






Corporate Profile

A group of professionals in the field of precision manufacturing.

We have established product management, residence and manufacturing technologies that enable us to deliver high quality products promptly and in accordance with ever-changing product needs. Our design technology, which covers the entire process from design to commercialization, supports the securing of excellent products and enables us to produce a wide variety of products to meet the diversified needs of our customers.

AiSONIC

岩手を代表する企業

Best 100 Companies Selected By Made In Local

100 SELECTION 2023-2024

e-Factory Alliance

アイソニック 検索

https://www.aisonic.net/

Manufacturing department

We can be entrusted with everything from process design to line construction and manufacturing.

We provide a wide range of assembly services to meet the needs of our customers, from high-mix low-volume assembly lines for various types of electronic and mechanical components to large-volume production using automatic and semi-automatic machines.



Assembly

We always keep PDCA (Plan-Do-Check-Act) cycle for process improvement by one-piece flow, and realize quality improvement and low cost.

Quick start-up with operation training and work analysis tools developed over many years in the industry.

Stable quality by thorough standardization of operations and processes.

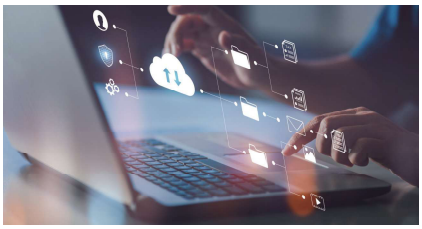
We collaborate with our own technology development department to propose ways to reduce labor and mechanize operations.



Automation

Maintenance management and visualization of equipment developed through years of full-operation of automatic machines.

Trend management of quality characteristics for stable production by identifying changes in the equipment and components.



Digitalization

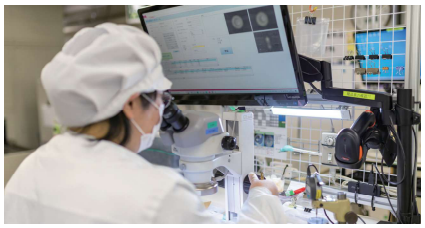
Digital remote control of operating conditions and environment for stable quality and operation of the production line.

Promotion of mechanization and digitalization of quality verification and traceability.



Clean room

We are equipped with a clean room. We can also prepare simple clean rooms and clean booths, etc., in a short period of time to meet the needs of our customers, taking advantage of our know-how of clean environment cultivated over the years.



Self-help and automation

Promotion of process improvement, work saving and automation in cooperation with our own technical development department.

Efforts toward robotization of transfer and camera-assisted quality inspection.

ISONIC's core technology

Main	Assembly			Measurement and inspection		
Sub	Assembly	Tightening	Liquid	Gas flow	Electrical	Image processing
Technology / Content	• **Automatic parts supply** Building a precise parts supply system • **Positioning and control** Attitude control Handling technology	• **Various fastening** Optimal clamping control according to usage	• **Fixed volume** Control of liquid flow rate and pressure by motor valve control	• **Measurement and control** **Automatic measurement of gas flow and presure by motor valve control**	(a) **Measurement and control** Resistance measurement,insulation resistance, and dielectric strength automaticmeasurement and inspection Automatic inspection and measurement of magnetization (magnetic flux density) Automatic load torque inspection and measurement (b) **Alignment control** High-precision positional electrical measurement (c) **Substrate Inspection** Inspection System for Product Substrate Function	• **Measurement judgment and recognition** Positioning control using image processing Image processing Product Appearance Inspection Using image processing Dimensions measurement
Example	electronic components	Fastening of pneumatic components	Liquid delivery for testing equipment	pneumatic parts	(a)Electrical components (b)Semiconductors (c)Electricity	Semiconductors Electronic Components

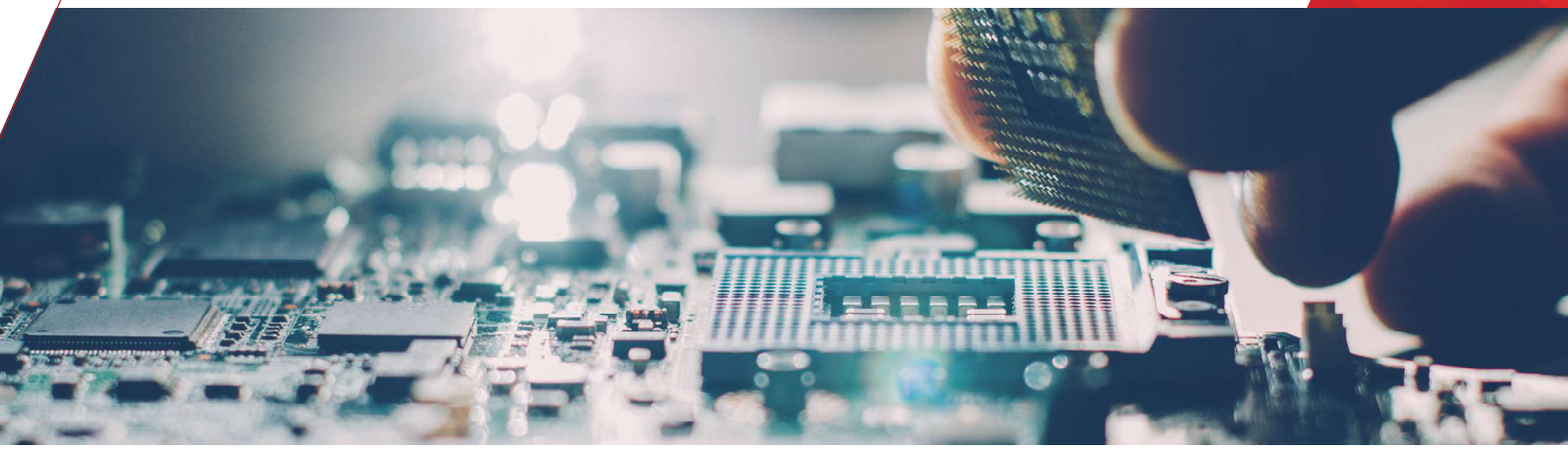
Technical development department

AiSONIC

We carry out the entire process from proposal to installation of equipment that meets the customer's needs.

We will flexibly respond to customer's requests by consistent production from design~manufacture~installation.
We can provide a wide range of technologies from jigs to transfer devices and inspection devices.

01	Specification Meeting	We will ask for specifications of equipment and devices from the customer.
02	Concepts & Views	We will present a schematic concept of the equipment and device, as well as financial statements and a delivery date.
03	Ordering	We will start the design based on the customer's order.
04	Design	We design the mechanical, electronic/electrical, and software in cooperation with our in-house team.
05	Design DR	We will confirm the design contents with the customer,
06	Arrangement	Purchase and processing will be carried out by our proberty and engineer.
07	Assembly & wiring	Assembly and wiring by a trained team of specialists. Orders for assembly and wiring only are also accepted.
08	Debugging	We will adjust the equipment and check its final operation.
09	Inspection	Inspection is carried out to ensure that the product is finished according to the customer's specifications.
10	Meeting	Customers will be asked to check the finished product.
11	Delivery	We deliver the equipment to the location specified by the customer.



Conveyance

Various types of conveyance equipment

- Conveyance

Optimal transfer system for each part

Various types of production lines

Motor control

Motor control

- Servo motor control technology

Real-time control with torque load sensor and servo Real-time control by motor

Motor load device

Loading equipment

Software

Software design

- PC/PLC/microcomputer software design

Control application development for manufacturing equipment/inspection equipment Control application development

Various equipment

Robot

Robot

- Robot control technology

Robot control technology
High-precision assembly technology

Electronic components

Company Information

- **Company name**
  AISONIC Corporation
- **Location**
  1-78 Shimizusawa Ukai,
  Takizawa-shi, Iwate 020-0658, Japan
- **Representative**
  Yuji Onodera(President&Representative Director)
- **Foundeing**
  October 1, 1980
- **Capital**
  80 million yen
- **Employees**
  70 (as of May 2026)
- **Business details**
  Assembly of precision parts
  Design and development of automation and energy-saving equipment

Business Partners

MinebeaMitsumi Co., Ltd.
Mikuni Sogyo Co., Ltd.
Hitachi Plant Services Co.,Ltd.
Hitachi Industrial Products Co., Ltd.
HIPUS Co., Ltd.
Hirose Electric Co., Ltd.
Ichinoseki Hirose Electric Co., Ltd.
Tohoku Hirose Electric Co., Ltd.
Morioka Seiko Instruments Co., Ltd.
NTT DOCOMO Co., Ltd.
Kaga EMS Towada Co., Ltd.
Daiichi Mecha-Tech CO., Ltd.
Morioka Hirose SER CO., Ltd.

History

1980	Established Karumai Precision Ltd.in Karumai Town,Iwate Prefecture,as an invitation company.
1986	Reorganized as AISONIC Co.,Ltd Head office moved to Morioka City,Iwate Prefecture,and opened Karumai Office at the same time.
1991	Head office relocated to current location (Takizawa City, Iwate Prefecture).
1994	Established Beijing AISONIC Electronics Corporation in Beijing, China.
1997	Labor-saving equipment design and development department.
2000	Newly established a clean room at the Karumai office.
2005	Developed a bit hammer using super magnetostrictive devices. Jointly applied for a patent for a liquid pumping device with Nichinichi Industriise
2006	Newly established a Yahaba office in yahaba Iwate,Japan.
2009	Jointly applied for a patent for a sound generator with Morioka Seiko Instruments Co,
2015	Held ceremony to commemorate the 35th anniversary of the company's founding.
2016	Introduced 3D CAD sorfware to the Technology Development Department.
2020	Celebrated 40th anniversary.Renewal of clean room facilities at Karumai Plant.
2022	Iwate Child-Rearing Friendly Company Certification.

Quality Policy

Customer First

The customer's interest should be our top priority in carrying out our work. Success in our work is the result of our contribution to our customers. This is evident both in our current company and in the examples of other companies that are doing the same.

Quality assurance activities with the participation of all employees

We take pride in every job we do, and we are all committed to achieving the highest quality and the best results. Even as our workload grows in variety and size, we will work to be the best in quality rather than the biggest in size.

Compliance with quality system

Our assets consist of our people, our capital and our reputation. None of these is indispensable. Especially when it comes to our confidence, it is extremely difficult to recover once it is lost. For this reason, we will execute our decisions as we have decided and keep our promises to our customers.We will keep our promises to our customers.

AiSONIC Business Locations



【Head Office】
Morioka Office

1-78 Shimizusawa Ukai,
Takizawa-shi, Iwate 020-0658
Japan
TEL: +81-19-684-2511
FAX: +81-19-684-2513



Karumai Office

1-77-2 Kamidate Karumai-machi,
Kunohe-gun, Iwate 028-6301, Japan
TEL: +81-195-46-4031 / FAX: +81-195-46-277



Yahaba Office

3-5-4 Ryutsusentaminami Yahaba-cho,
Shiwa-gun, Iwate 020-0891, Japan
TEL: +81-19-638-9013 / FAX: +81-19-638-4813