

Autonics

Corporate Profile

For a better, more convenient world

www.autonics.com

Autonics is a globally trusted provider of industrial automation products from South Korea.

Autonics

Corporate Profile

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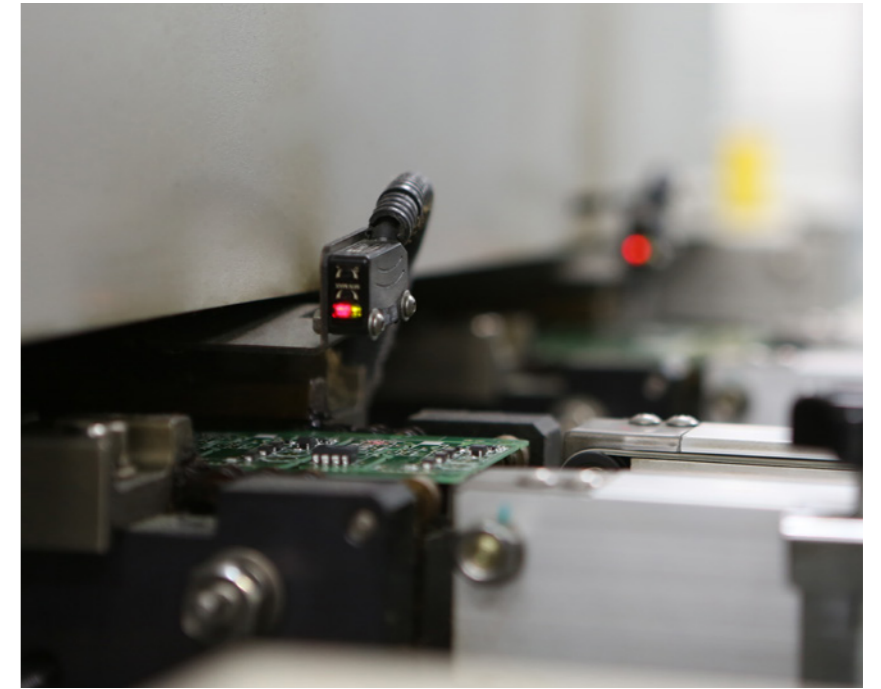
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About Autonics

Autonics is a leading provider of automation solutions in South Korea. We develop and manufacture a wide range of automation-related products which are marketed worldwide. Our core products include various sensors, control devices, motion devices, process automation instruments, control switches, and peripheral connection equipment.

Our products are trusted and adopted by engineers in various industrial applications including food manufacturing & packaging, plastic & rubber processing, semiconductor equipment, and metalworking machinery.

Our technology is also widely applied in day-to-day automation devices including elevators, screen doors, ATM machines, CCTVs, and electronic office equipment.



Our History

A brief overview of our history shows the development process of our business and technology, and demonstrates our commitment to providing reliable automation solutions to customers across the globe.



1970s ~ 1990s

- 1977** - Kuk-Je Electronics (Autonics) established by Hwan-Ki Park
- 1984** - Introduced the K Series counters, the first South Korean-made digital counters
- 1985** - Opened new sales office in Seoul, South Korea
- 1988** - Completed construction of new factory and headquarters in Busan, South Korea
- 1990** - Government-endorsed Control & Measurement R&D Institute established in Busan, South Korea
- 1996** - First overseas sales corporation established in Jakarta, Indonesia
- Japan sales corporation established in Tokyo, Japan
- 1998** - Completed construction of new manufacturing facility in Yangsan, South Korea



2000 ~ 2005

- 2000** - Acquired ISO 9001 certification
- Sensor R&D Institute established in Bucheon, South Korea
- 2001** - US sales corporation established in Illinois, USA
- 2002** - China sales corporation established in Shanghai, China
- Opened additional manufacturing facility in Jiaxing, China
- 2004** - Seoul sales office and Sensor R&D Institute relocated to Bucheon, South Korea
- 2005** - Brazil sales corporation established in Sao Paulo, Brazil
- Opened Vietnam sales office in Ho Chi Minh, Vietnam



2006 ~ 2009

- 2006** - Technical training center and product showroom opened in Bucheon, South Korea
- Opened Indian sales office in Mumbai, India
- 2007** - Malaysian sales corporation established in Petaling Jaya, Malaysia
- Completed construction of new Chinese manufacturing facility in Jiaxing, China
- 2008** - Opened Mexican sales office in Mexico City, Mexico
- Opened Russian sales office in Moscow, Russia
- 2009** - Established "Autosys Corporation" as one of its affiliate companies
- Turkey sales office incorporated (Autonics Otomasyon Ticaret Ltd. Sti.)
- Completed construction of new Sensor R&D Institute in Incheon, South Korea



2010 ~

- 2010** - India sales office incorporated (Autonics Automation India Private Limited, Mumbai)
- Opened new sales office in Chongqing, China
- Opened new sales office in Nanjing, China
- 2012** - Received the Gold Tower Industrial Award in South Korea
- 2013** - Designated as a "World Class 300" company by the South Korean government
- Mexico sales office incorporated (Autonics Mexico, S.A. de C.V.)
- 2014** - Vietnam sales office incorporated (Cong Ty TNHH Autonics Vina)
- Completed construction of new corporate headquarters in Busan, South Korea
- 2015** - Yongjin Park appointed as new CEO of the company

Our Mission

Our Mission

For a better, more convenient world

Our mission is to enrich the quality of human lives by delivering new values that will make the world more convenient.

Our Vision

ORANGE SOLUTIONS

To become the industry's leading provider of automation products and services by delivering ORANGE Solutions.

Optimized · Reliable · Advanced · New · Global · Efficient

Our Values



Be Customer-Driven

Customer value is our top priority



Be Determined

Never stop challenging yourself



Be Creative

Always think outside the box



Be Cooperative

Be open to other's perspectives



Be Action-Oriented

Let your actions speak louder than words



Be Ethical

Hold yourself to high ethical standards



Be Passionate

Self-driven attitude about your work and life



Be Owners

Maintain ownership spirit. We ARE Autonics



Our Products

- Sensors
- Controllers
- Motion Devices
- Process Automation
- Terminal Blocks and Cables
- Control Switches
Pilot Lights and Buzzers

Products

- Photoelectric Sensors • Fiber Optic Sensors
- Door / Door Side Sensors • Area Sensors
- Proximity Sensors • Pressure Sensors
- Rotary Encoders • Connectors / Sockets
- Temperature Controllers • Counters • Timers
- Temperature / Humidity Transducers
- Panel Meters • Tachometers / Pulse (Rate) Meters
- SSR / Power Controllers • Sensor Controllers
- Switching Mode Power Supplies
- Graphic / Logic Panels • Display Units
- Field Network Devices
- Stepper Motors / Stepper Motor Drivers / Motion Controllers
- Recorders • Process Controllers
- Thyristor Units • Converters • Indicators
- Pressure / Temperature Transmitters
- I/O Terminal Blocks / Cables
- Control Switches / Pilot Lights / Buzzers
- Laser Marking Systems (Fiber, CO₂, Nd:YAG), Laser Welding / Cutting System

Sensors

Sensors are the most essential and commonly used components in automation systems. Autonics provides a wide variety of industrial and commercial sensors, ensuring that the most fundamental parts of automation systems are built with quality and performance.



Photoelectric Sensors

- Built-in amplifier sensors
- Ultra-compact type
- Compact type
- Built-in power supply sensors
- U-shaped sensors
- Photomicro sensors
- Cylindrical sensors
- Liquid level sensors
- Color mark sensors



Fiber Optic Sensors

- Fiber optic amplifiers
- Fiber optic cables
- Communication converters



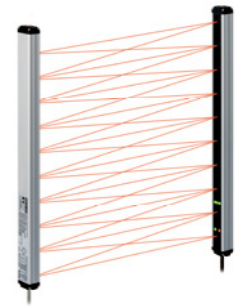
Door Sensors

- Door sensors
- Door-side sensors



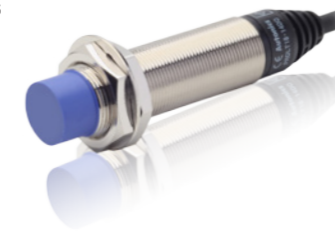
Area Sensors

- Cross beam sensors
- General purpose sensors
- Picking sensors



Proximity Sensors

- Inductive sensors (cylindrical)
- Inductive sensors (rectangular)
- Capacitive sensors
- Transmission couplers



Pressure Sensors

- Digital display sensors
- Non-indicating sensors



Rotary Encoders

- Incremental rotary encoders
- Absolute rotary encoders
- Magnetic rotary encoders
- Flexible couplings



Connectors / Cables

- Sensor distribution boxes
- Sensor connector/cables



Temperature Controllers

- PID temperature controllers
- Digital display type
- Analog display type
- Multi-channel modular type
- Refrigeration controllers
- Temperature/humidity sensors



Solid State Relays

- Single-phase SSRs
- Slim, detachable heatsink type
- Detachable heatsink type
- Integrated heatsink type
- Socket type
- Analog input type



Power Controllers

- Single-phase power controllers



Counters

- Standard digital counters
- Compact size counters
- Counter/timers



Timers

- Digital timers
- Analog timers



Digital Panel Meters

- Multi-input panel meters
- Digital voltmeters
- Digital ampere-meters
- Digital wattmeters
- Digital tachometers
- Digital scaling meters
- Digital power factor meters



Pulse/Rate/Tacho Meters

- Pulse meters
- Rate meters
- Tacho meters



Digital Displays

- 7-segment LED displays
- 16-segment LED displays
- Intelligent type displays
- Panel mount indicators



Sensor Controllers

- Multi-functional controllers
- General purpose controllers



Switching Mode Power Supplies

- DIN rail SMPS
- General purpose SMPS



HMI's

- Graphic panels
- Logic panels



Field Network Devices

- Digital remote I/O
- Analog remote I/O
- Communication converters



Controllers

Controllers are widely used in various industrial settings to adjust or maintain desired outputs of specific processes within a desired range. Autonics provides a diverse range of highly accurate and reliable controllers for stable and ideal system control.



Motion Devices

Motion control involves automation of moving parts of machines in a controlled manner. Autonics motion devices, consisting of stepper motors, stepper motor drivers, and motion controllers, provide comprehensive solutions well-suited for a wide variety of motion applications.



Closed Loop Stepper Motor System

- DC pulse input type motor/drivers



Stepper Motors

- 5-phase stepper motors
 - Shaft type
 - Built-in brake type
 - Rotary actuator type
 - Hollow shaft type
 - Geared type
 - Rotary actuator + built-in brake type



Stepper Motor Drivers

- 2-phase stepper motor drivers (standard type/intelligent type)
- 5-phase stepper motor drivers (AC type, DC type, micro-step, PCI, etc.)



Motion Controllers

- High speed 1-axis/2-axis controllers
- Interpolation/general purpose 2-axis controllers
- 4-axis PC-PCI card controllers



Process Automation

Process automation instruments from Autonics provide reliable and accurate performances for maximum process efficiency and productivity in various industrial systems requiring precise operation and control.



Indicators

- Multi-color indicators
- Digital/bar graph indicators



Recorders

- Hybrid recorders
- Paperless recorders



Process Controllers

- Digital process controllers



Converters

- Isolated converters



Pressure Transmitters

- Simple type
- Intelligent type



Thyristor Power Controllers

- Digital thyristor power controllers



Temperature Transmitters

- Intelligent type



I/O Terminal Blocks

- Interface terminal blocks
- Common terminal blocks
- Relay terminal blocks
- Sensor connector terminal blocks



Cables

- I/O connector cables



Push Button Switches

- Push buttons (illuminated)
- Double push buttons
- Mushroom-head push buttons



Key Selector Switches

- Extended
- Flush



Pilot Lights

- Dome type
- Horn type
- Flat type



Buzzers

- Magnetic buzzers
- Piezo buzzers
- Melody buzzers



Connectors

- Sensor connectors
- Cylindrical connectors



Selector Switches

- Short lever
- Long lever
- Shark-head type (flush/extended/illuminated)



Emergency Switches

- Emergency switches (illuminated)



Accessories

- Switch contact blocks
- Switch enclosures
- Waterproof cap
- Locking ring wrench
- Emergency switch nameplates
- Emergency switch protective shroud



Terminal Blocks and Cables

Autonics I/O terminal blocks, connectors, and connector cables make system configuration easy. Save time and effort with the diverse line-up of products designed to ease connectivity and maximize stability.

Control Switches Pilot Lights and Buzzers

Autonics provides an extensive range of control switches, pilot lights, and buzzers for wider user options. Featuring simple and sleek design with vibrant colors, the switches are aesthetically pleasing and highly durable, built to last in various demanding environments.

Research & Development

At Autonics, we believe that the principle aspect of customer satisfaction is achieved through our technological expertise and quality products. Autonics dedicates about 20% of its human resources to research and development, a top standard in the industry. We also invest over 10% of our annual revenue in research and development, in an effort to bring new breakthrough technology and products to our customers.

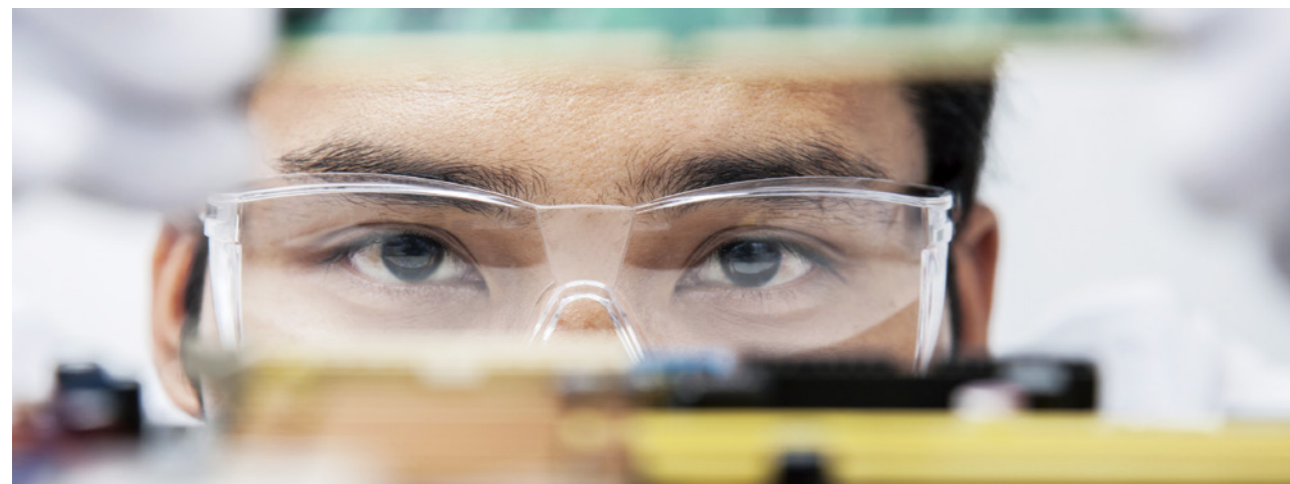
Autonics currently operates two R&D institutes for sensors and control & measurement. We will continue to dedicate our efforts into the research and development of new technology and products to deliver globally competitive solutions for our customers around the world.



Sensor R&D Institute



Control and Measurement R&D Institute



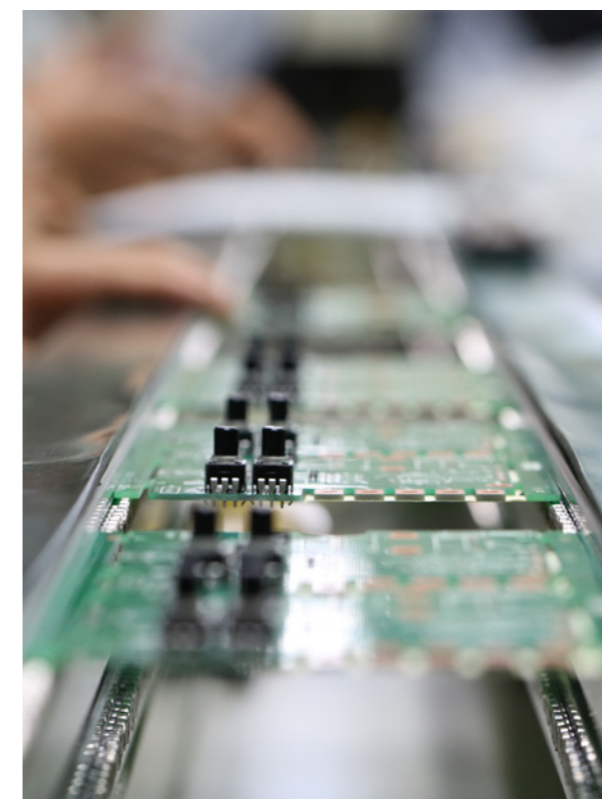
Manufacturing & Quality Control

Manufacturing

The main manufacturing facility for Autonics products is located with our headquarter office in Busan, South Korea. With state-of-the-art facility and production equipment, comprehensive end-to-end quality control, and a fully automated warehouse system, Autonics is able to manufacture and export its high quality products to the global market. Our secondary manufacturing facility is located in Jiaxing, China. Top experts are regularly dispatched from Autonics headquarters to carry out strict quality control at the Jiaxing manufacturing facility and ensure that all manufactured products meet Autonics quality standards.

Quality Control

Since our establishment in 1977, Autonics has always strived to produce global standard products and maximize customer satisfaction through our extensive quality control and management system. Autonics enforces strict quality control on all products by employing over 100 cutting-edge quality-test equipment and undergoing meticulous quality inspections. In 1994, Autonics acquired ISO certification on all products, the first for a Korean sensor and controller company, followed by other international quality certifications, including UL, CE, RoHS and EAC. Autonics continues to export top global standard products to over 100 countries worldwide.





Sales & Service

Automation Solutions

Autonics knows that many variables exist within a production line and that each and every system requires a unique configuration. That's why we offer over 6,000 different product models, each with its own specifications and purpose, so that we may provide ideal and comprehensive automation solutions suited for each customer's needs.

Customer Satisfaction

Customer satisfaction is the foremost priority at Autonics. To ensure this, we introduce various new products and technology every year to meet the changing needs of our customers. We also participate in over 60 automation fairs and exhibitions worldwide each year to listen to the voices of our customers and showcase our products.

Technical Education

Autonics offers various free technical education programs for customers at our headquarter office. We also offer over 50 education courses and multiple seminars and webinars at various locations around the world. With the free technical education courses and various programs, we hope to enhance our customer's knowledge and improve their productivity.



Autonics is deeply committed to the enhancement of customer experience, productivity, and satisfaction.

Global Network

Autonics global network consists of 12 international offices and 150 distributors spanning over 100 countries. With a vast sales and technical support network, Autonics is able to provide comprehensive automation solutions for our customers across the globe. Our experts around the world are working day and night to constantly deliver new and improved values, so that we can contribute to improving the quality of life and creating a more convenient world.

Driving towards global leadership in the automation industry.



Autonics participates in approximately 60 worldwide exhibitions and trade fair each year.



South Korea - Automation World



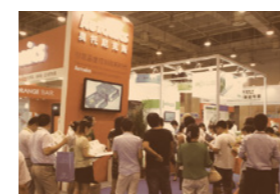
Germany - SPS IPC Drives



Thailand - Assembly & Automation



Indonesia - Allpack



China - Qingdao Exhibition



Mexico - Expo Electrica



Malaysia - Nepcon Exhibition



Turkey - WIN Automation Show

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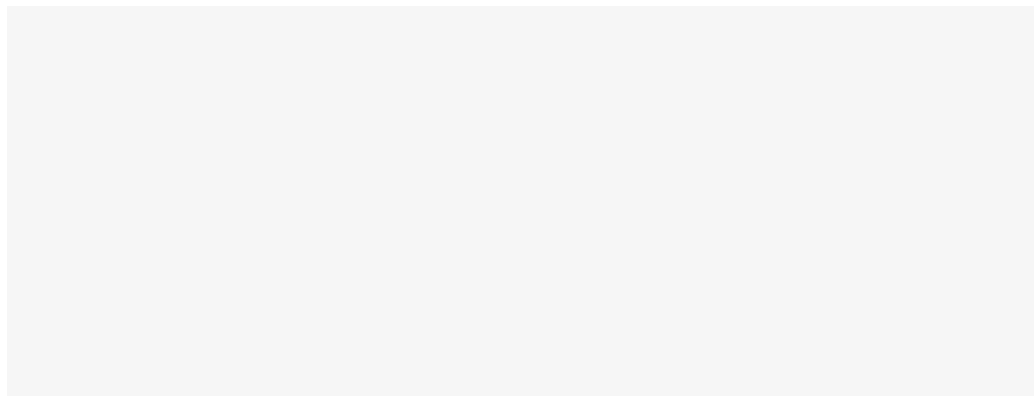
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