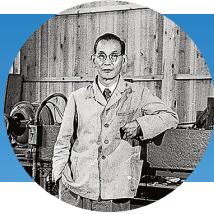


# History of Innovation

Automation Society  
[1945-74]

Cybernation Society  
[1974-2005]

1933



1933

Kazuma Tateishi established Tateisi Electric Manufacturing Co. in Higashinoda, Miyakojima-ku, Osaka City.

1948

Company name changed to Tateisi Electronics Co.

1960

Central R&D Laboratory completed in Nagaoka-cho (present-day Nagaokakyo City), Kyoto

1959

Our Mission established based on the belief that a business should create value for society through its key practices

1970



1970

SINIC Theory announced

1974

Tateisi Institute of Life Science

1990

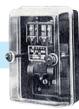


1991

Yokohama Laboratory and Kumamoto Laboratory established

1990

Company name changed to OMRON Corporation



1934

General-purpose electromagnetic relay



1933

Production of X-ray timers started



1943

Japan's first microswitch



1960

World's first non-contact switch developed



1963

Japan's first multifunctional meal ticket vending machine



1964

World's first automated traffic signal developed



1969

World's smallest desktop electronic calculator "CALCULET-1200" launched



1966

MY series of general-purpose relays



1967

World's first unmanned train station system developed



1973

OMRON's first blood pressure monitor



1978

OMRON's first monitor with digital display



1980

Digital thermometers (for home use)



1987

World's first ultra-high-speed fuzzy logic controller launched

1988

Mass production of electric power steering controllers



1995

OKAO Vision image sensing technology

1995

Distance warning system for motor vehicles developed



1991

Fuzzy logic-based blood pressure monitor

1994

Production of power conditioners for photovoltaic systems started

## Optimization Society [2005-]

2000

2020



1999

Division system abolished and internal company system introduced

2003

Global R&D hub "Keihanna Innovation Center" established

2005

OMRON R&D Collaborative Innovation Center (Shanghai) opened

2013

Table-tennis-playing robot FORPHEUS

2014

OMRON VENTURES CO., LTD. established

2018

OMRON SINIC X Corporation established

2018

Innovation Exploring Initiative HQ (IXI) established

### Industrial Automation Business

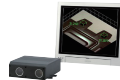
2000

Japan's first digital fiber sensor



2007

World's first real-color three-dimensional vision sensor



2011

Sysmac NJ series of machine automation controllers launched



2016

World's first SCARA robot with predictive maintenance functions launched

2017

AI-incorporated machine automation controller developed



2018

World's first high-performance smart camera with multi-color light launched



2020

World's first integrated controller launched

2003

OMRON RELAY & DEVICES Co., Ltd. established



2016

Environmental sensor

2010

OMRON SWITCH & DEVICES Co., Ltd. established



2010

OMRON Automotive Electronics Co., Ltd. established

2016

World's first on-vehicle sensor using cutting-edge artificial intelligence



2019

Sold Automotive Electronic Components Business

2003

OMRON HEALTHCARE Co., Ltd. established

### Healthcare Business

2002

Wrist blood pressure monitor with wrist positioning guide



2004

Fully automatic Spot Arm blood pressure monitor



2018

World's first wearable blood pressure monitor



2019

Japan's first blood pressure monitor + ECG



Connected wrist blood pressure monitor



Mesh-type nebulizer



Upper arm blood pressure monitor



### Social Systems, Solutions and Service Business

2011

OMRON SOCIAL SOLUTIONS Co., Ltd. established

2004

Transferred the ATM Business to Hitachi-OMRON Terminal Solutions, Corp.

2015

Automated ticket gate system that allows the use of both QR Code tickets\* and IC card tickets began operation throughout Kitakyushu Monorail

2009

Environmental Solutions Business HQ established

2009

"ene-brain" CO<sub>2</sub> visualization system launched, world's first system capable of automatically analyzing areas for potential energy conservation



2011

Industry's first PV inverter for photovoltaic power generation equipped with anti-islanding control technology (AICOT®) that prevents islanding conditions in multiple photovoltaic power generation systems



2019

Japan's first Mobility as a Service (MaaS) application combining private vehicle-for-hire by residents and public transportation such as bus and taxi



2018

DriveKarte® driver management service for safe driving launched

Entered the automation business for the hotel industry. Smare® self-check-in terminals launched