

# Corporate Profile





「いのち・かがやく・かがく」- They represent ARKRAY's desire to work for the "good of human life," its commitment to "make the world a bright and happy place for everyone," and its "pursuit of science to benefit humankind."

**Willing to take on new challenges, we solve issues in the medical field and support the healthy livelihood of people around the world.**

Day after day, ARKRAY strives to realize our mission "To contribute to the health and well-being of people all over the world through the advancement of science and the discovery of new technologies" by providing new diagnostic technologies and tests to the healthcare field.

The founder's spirit of embracing new challenges has been ceaselessly passed down to us and we have devoted ourselves to research and development in the aim of creating new values. In addition to the clinical testing devices and reagents for testing collected blood or urine samples, we currently provide comprehensive support to the medical field ranging from development, manufacturing, sales and servicing including diagnosis support tools such as software.

Recently, the focus of medicine has been shifting from conventional diagnosis and treatment to prevention and prolongment of a healthy life. Demand for promptly providing accurate test results will become higher than ever in the effort to promote more advanced healthcare services, which, we believe, will give us more opportunities in the medical field. Furthermore, in response to diversified medical needs and values in each region and country, ARKRAY has established a global structure that allows us to swiftly deliver our high value-added products to more than 80 countries and regions.

We will continue to help solve global healthcare issues, support healthy lives and improve the QOL of people by strengthening our global management and business structures and making tireless endeavors in developing new products and diagnostic technologies.

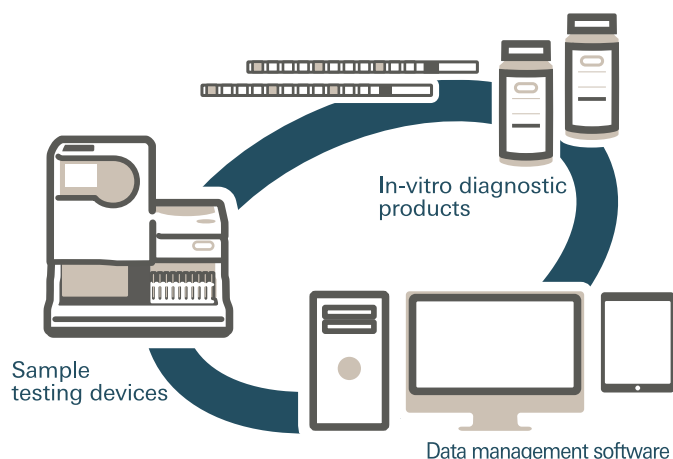
ARKRAY, Inc.

Yukitoshi Yao, Representative director

### "From diagnosis and treatment" to "prevention and health management", we support high quality medical services

Clinical tests performed at medical facilities are of vital importance because they indicate health conditions as well as the presence or absence of diseases, etc. which are then used to determine the treatment method. Out of all the tests, those that use samples such as blood and urine are widely used because it is possible to obtain a significant amount of patient information through these tests.

At ARKRAY, we undertake the entire process from research and development, production, sales to servicing that are necessary to provide the test devices, in-vitro diagnostic products and data management software used for sample testing. Through this we support high quality medical services.



### At hospitals

We offer larger products that can be used to perform diabetic, urinary and genetic testing. They are mainly used in laboratories.

### At home

We offer self-monitoring blood glucose meters so that diabetes patients can check their own blood glucose levels. We do our best to contribute to the QOL of patients.

### Unique technologies that will pave the way for medical testing

- Diabetes testing
- Self monitoring of blood glucose
- Genetic testing
- Medical testing for sports
- Point of care testing
- Urine testing
- Health care
- Veterinary testing
- Functional food materials

### Supplying products through 23 business locations in 13 countries

- USA
- Japan
- Korea
- China
- Indonesia
- Singapore
- The Philippines
- India
- UAE (Dubai)
- UK
- The Netherlands
- Poland
- Russia

Technology

Global Network

Product

### Created a thorough quality control and global production system

- Introduced cutting-edge production engineering and quality control systems
- Enhanced the global production system and thus realized stable delivery

### At clinics

We offer products that provide results on the spot and are designed mainly for clinics. Our products manage various test items all-inclusively and support a high quality diagnosis.

## Corporate Profile

Trade Name	ARKRAY, Inc.
Representatives	Yukitoshi Yao, Representative director
Location	Yousuien-nai, 59 Gansuin-cho, Kamigyo-ku, Kyoto-shi Kyoto-fu 602-0008, JAPAN
TEL	+81-75-662-8979
FAX	+81-75-431-1202
URL	<a href="http://www.arkray.co.jp/english/">http://www.arkray.co.jp/english/</a>
Established	June 10, 1960
Sales	JPY51.6 billion (All ARKRAY group) as of October, 2020
Number of Employees	2,501(All ARKRAY group)as of November 1st,2021

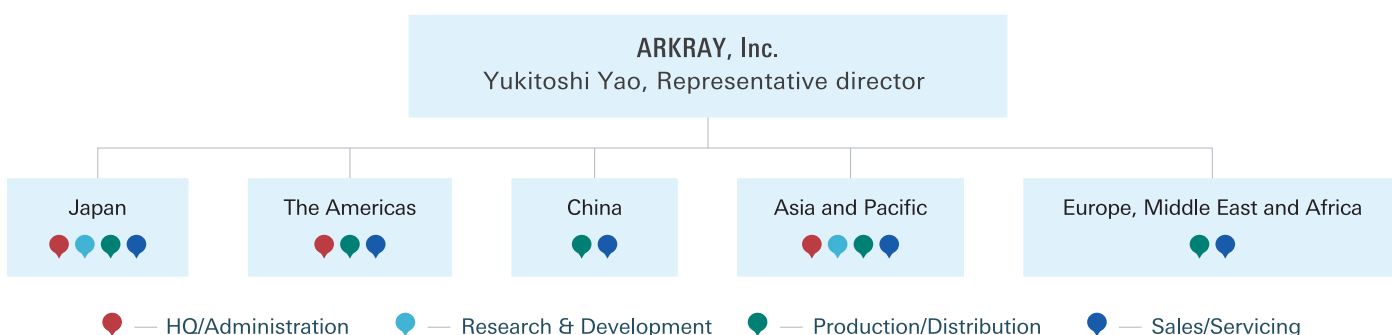


Affiliates [Japan]	ARKRAY Marketing, Inc. ARKRAY Global Business, Inc. ARKRAY Factory, Inc. ARKRAY Infinity, Inc. Karada Lab, Inc. ARKRAY Nagasaki Development Center, Inc. Universal Healthcare Inc. ARKRAY Next, Inc
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Affiliates [Overseas]	<ul style="list-style-type: none"> <li>• ARKRAY Factory Pinghu, Inc.</li> <li>• ARKRAY Marketing Shanghai, Inc.</li> <li>• ARKRAY Marketing Shanghai, Inc. Beijing Sales and Service Office</li> <li>• ARKRAY Global Business, Inc. Seoul Sales and Service Office</li> <li>• ARKRAY Global Business, Inc. Korean Development Center</li> <li>• ARKRAY&amp;PARTNERS Pte. Ltd.</li> <li>• ARKRAY&amp;PARTNERS Pte. Ltd. Singapore Laboratory</li> <li>• PT. ARKRAY</li> <li>• ARKRAY Industry, Inc.</li> <li>• ARKRAY Industry West, Inc.</li> <li>• ARKRAY Co. Ltd., Inc.</li> </ul>	<ul style="list-style-type: none"> <li>• ARKRAY Healthcare Pvt. Ltd.</li> <li>• ARKRAY Healthcare Pvt. Ltd Surat Factory</li> <li>• ARKRAY Europe, B.V.</li> <li>• ARKRAY Factory Ltd.</li> <li>• ARKRAY Ltd.</li> <li>• Color Trading Sp. z o. o.</li> <li>• ARKRAY Europe, B.V. ARKRAY Middle East Branch</li> <li>• ARKRAY America, Inc.</li> <li>• ARKRAY Factory USA, Inc.</li> <li>• ARKRAY USA, Inc.</li> <li>• U.S.ARKRAY, Inc.</li> <li>• ARKRAY USA, Inc. Miami branch</li> </ul>
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## Global Management System

The ARKRAY Group divides its global business into 5 geographical areas, namely "Japan", "The Americas", "China", "Asia and Pacific", and "Europe, Middle East and Africa" for the purpose of spreading global development. Each area has their own unique business operation, while ARKRAY, Inc. unites all areas through its management structure.



- 60** Successfully develops KBr, the nation's first infrared synthetic single crystal.



- 70** Announces RaBA-3010, a rapid blood analyzer. Adopts the digital display method for clinical testing devices, a first in the world.



- 70** Launches EYETONE, a portable blood glucose meter.



- 72** Launches AUTION Analyzer UA-6, a reflectometer system for urine testing, and Uriflet, its test strip product.



- 81** Launches AUTO A1c HA-8110, the world's first automatic glycohemoglobin fractionation analyzer.



- 88** Launches SPOTCHEM SP-4410, a dry chemistry blood analyzer.



- 91** Launches GLUCOCARD GT-1610, a portable self-monitoring blood glucose meter.



1960

1970

1980

1990

- 60** Tadashi Doi establishes Kyoto Daiichi Kagaku in Fushimi-ku, Kyoto-shi.



- 71** Relocates the headquarters to Minami-ku, Kyoto-shi due to business expansion.

- 75** Enters into a sales alliance with Yamanouchi Pharmaceutical Co., Ltd. for AUTION Analyzer UA-6, an automated urine analysis system.

- 79** Enters into a sales alliance with Miles-Sankyo Co., Ltd. for Dext-rometer, a portable blood glucose meter.

- 83** Establishes a new company building in Minami-ku, Kyoto-shi.



- 90** Starts operation at the Konan factory in Koka-gun, Shiga-ken.



- 97** Establishes ARKRAY Factory, Inc. through the separation of the production division.

- 09** Launches i-densy IS-5310, a fully-automated SNPs testing instrument.



- 06** Launches a new business for functional food materials.

- 14** Launches "thinka", a veterinary medical device and diagnostic reagent brand.



- 16** Launches SillHa, a salivary testing system. Enters the dental field.



- 19** Launches The Lab, a new medical device and diagnostic reagent brand.



**2000**

- 00** 40th anniversary of the company's establishment. Company name is changed to ARKRAY, Inc.

- 01** Establishes ARKRAY Marketing, Inc. and ARKRAY Global Business, Inc. through the separation of the sales division.

- 03** Establishes a sales office in China: ARKRAY Factory Shanghai, Inc.

- 04** Establishes ARKRAY Infinity, Inc.

- 04** Establishes a sales office in the Netherlands: ARKRAY Europe, B.V.

- 06** Establishes ARKRAY Group Kyoto Headquarters in Nakagyo-ku, Kyoto-shi. The old headquarters was renamed as Science Park.

- 06** Establishes ARKRAY AMERICA, Inc. in Minnesota (U.S.). Establishes a sales office in Poland.

- 07** Establishes ARKRAY PIRAMAL Medical Pvt. Ltd. (joint venture) in India (currently: ARKRAY Health-care Pvt. Ltd.).

**2010**

- 10** 50th anniversary of the company's establishment. Changes company logo in commemoration of the 50th anniversary.



- 11** Starts operations at the Kyoto laboratory in Kamigyo-ku, Kyoto-shi.

- 11** Establishes a manufacturing facility in the Philippines: ARKRAY Industry, Inc.

- 12** Establishes a sales office in Indonesia: PT. ARKRAY.

- 13** Establishes a manufacturing facility in Russia: ARKRAY Ltd.

- 13** Establishes an office for managing businesses in Southeast Asia, South Asia and Oceania in Singapore: ARKRAY & PARTNERS Pvt. Ltd. Also establishes an R&D Center in Singapore.

- 18** Relocates the headquarters to the Kyoto laboratory to consolidate business facilities.

- 18** Establishes a sales office in Dubai: ARKRAY Middle East Branch.

**2020**

- 20** 60th anniversary of the company's establishment.

- 20** Establishes ARKRAY Nagasaki Development Center, Inc. in Nagasaki-ken of the Kyushu area.



# Blood Test

## As a pioneer of diabetes testing devices

ARKRAY developed and released its first fully-automated HbA1c analyzer back in 1981 and since then, we have advanced the promotion of HbA1c testing and paved the way for a new era of diabetes testing. We will continue promoting proposals for ever more accurate testing, and contribute to diabetes diagnosis and treatment.

Automatic glycohemoglobin analyzer

**ADAMS A1c**

HA-8190V



Automatic glycohemoglobin analyzer

**ADAMS A1c**

HA-8180T



Automatic glycohemoglobin analyzer

**ADAMS A1c Lite**

HA-8380V



Glycohemoglobin analyzer

**The Lab 001**



Glycohemoglobin analyzer

**PocketChem A1c Advanced**



Dry clinical chemistry analysis

**SPOTCHEM D-Concept**

SPOTCHEM D-Concept



Automated analyzer for clinical chemistry

**SPOTCHEM EZ**

SP-4430



Electrolyte analyzer with ion-selective electrodes

**SPOTCHEM EL**

SE-1520



Compact biochemical analyzer

**The Lab 004**



Blood Ammonia Meter

**PocketChem BA**

PA-4140





# Self Care

In 1971, we developed the world's first portable and compact blood glucose meter, EYETONE, which created a great sensation. Since then, we have been pursuing improvement in customer experience and the QOL of patients with diabetes, which allows our business to evolve further.

Blood glucose test meter

**GLUCOCARD S onyx**  
GT-7120



Blood glucose test meter

**GLUCOCARD S**  
GT-7110



Blood glucose test meter

**GLUCOCARD W**  
GT-7210



# Urinalysis

## Rapid and accurate measurement realized by automation

ARKRAY developed AUTION ANALYZER UA-6 in 1972, which is the world's first automatic analysis system using urine test strips. We have since improved our products many times over in order to establish the automation of urine testing and rapid, accurate measurement. We will continue contributing to the early detection and treatment of diseases such as chronic kidney disease.

Urine sediment analyzer

**AUTION AI**  
AI-4510

Fully-automated urine analyzer

**AUTION MAX**  
AX-4060



Semi-automatic urine analyzer

**AutionIDaten**  
AE-4070



Compact urine analyzer

**PocketChem UA**  
PU-4010



# Veterinary

## Taking on challenges in the field of veterinary health and medicine

'thinka' is a brand for medical devices dedicated to animals. It was launched with our desire to help veterinary medicine evolve by thinking about the health of animals and basing the devices on our technologies fostered through the development of medical equipment and reagents for humans over many years. Taking on new challenges in the field of veterinary treatment and diagnosis, we are expanding our business domain.

Glucose measuring system

thinka BS-7110



Urine analyzer

thinka RT-4010



Canine heartworm ag test kit

thinka CHW



Feline immunodeficiency virus ab/  
Feline leukemia virus ag test combo kit

thinka FIV/FelV



# Oral Care

## Oral care - one step ahead

This world's first salivary testing system was forged through the application of our know-how centering on urinalysis which has been fostered over the years. It can simultaneously measure seven items concerning the health of the oral cavity and through objective data, patients can grasp certain conditions of their oral cavities which are usually difficult to notice.

Salivary testing instrument

SillHa



# Genetic Test

## The future of gene analysis

A desktop instrument providing easy and rapid genetic analysis. It contributes to the development of personalized medicine such as diagnosis prior to medication for cancer treatment.

Fully automated gene analyzer

**i-densy**  
IS-5320



# Sports

## Hand-held lactate measurement

Lactic acid in blood has become an essential indicator at the front line of science-based training in sports. It allows users to conduct an easy and quick test on the spot.

Simplified blood lactate test meter

**Lactate Pro2**  
LT-1730



# Dietary Supplements

For the pursuit of health science in a new field, we develop materials for dietary supplements which promote anti-metabolic syndrome and anti-aging approaches.

## Anti-aging

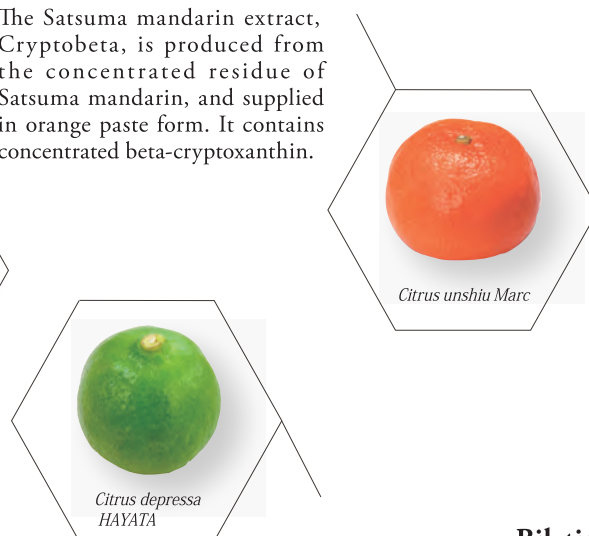


### AG Herb MIX

The herbal extract, AG Herb MIX, is a new anti-aging dietary supplement with anti-glycation effect. It is produced using extracts from 4 kinds of herbs (Roman chamomile, dokudami, hawthorn berry and grape leaf).

## Cryptobeta

The Satsuma mandarin extract, Cryptobeta, is produced from the concentrated residue of Satsuma mandarin, and supplied in orange paste form. It contains concentrated beta-cryptoxanthin.



### Biletin

The shiikuwasha extract, Biletin, is produced from the extract of Okinawan shiikuwasha fruit. It is supplied in powder form (light yellow or yellow) and contains concentrated nobletin and tangeritin.

## Global Network

Our products are in operation in more than 80 countries and regions globally. Making the most of our broad network of 51 main offices in 13 countries, we are committed to the principle of local production for local consumption from research and development to production and sales.





Through our global network, we confidently offer quality products and in-depth support and services that will meet the expectations of patients and healthcare professionals.

### Thorough quality control and a reliable product supply



Being able to obtain accurate test results is essential for those in the medical field who we support with our products, which is why we must provide them with a stable supply of high quality products.

ARKRAY's thorough quality control and global production system allows us to swiftly supply high quality products to more than 80 countries and regions.

Starting with the mother factory in Japan (Shiga-ken), we have established production sites in China, the Philippines, India, the USA and Russia for the purpose of consistently supplying high quality products to medical facilities. We have passed on the production engineering and quality control system know-how that were accumulated in Japan to our overseas production sites. This in turn has allowed us to stably and continuously supply our diverse products globally.

We conduct quality control in accordance with ISO 9001.13485 (quality management system for medical devices) and the mother factory in Japan has acquired the ISO 14001 certificate for environmental management.

### Robust servicing system and academic support



As we supply our high quality products globally, we have pursued service and support system expertise, and are building service and support systems that meet the market needs of each country and/or regions.

In Japan we have set up a call center to help customers having trouble, and by connecting the medical devices of medical facilities to the network system and remotely monitoring them, we can check their conditions in real time and ensure their stable operations. We are working to employ this system overseas too. Currently, our overseas customer service training centers are located in Europe and China.

We hold academic seminars and symposiums all over the world, where we speak about the latest trends and information regarding clinical testing. Many healthcare professionals have participated in our events.

## IWATA PROJECT

ARKRAY, Inc. and Minoru Iwata, who played professional baseball while coping with Type-1 diabetes, work together to support children with Type-1 diabetes and promote diabetes awareness through the IWATA PROJECT.

## Kyoto Hannaryz



### Column Y o s u i e n

#### Fusion of cutting-edge scientific technology and cultural traditions

Our headquarters (Kyoto Laboratory) is located inside a Japanese garden called "Yosuien", which has been in existence since the Edo era.

Designed by architect Oe Tadasu to preserve the area, the laboratory coexists well with the garden, which is one of the "100 historical sites in Kamigyo-ku, Kyoto" and we were the first private company to be granted an exception from the policy of aesthetic landscape (promotion) district regulations in Kyoto city.

The history of the garden goes back to the Muromachi era, when Mitsumoto Hosokawa, who was a deputy to the fourth shogun Yoshimochi Ashikaga, built his residence on these grounds using the materials that were left over from the construction of the temple of the golden pavilion (Kinkakuji). Years after, in the Edo era, the estate was transformed into a strolling garden with a pond at its center.

Today, the pond that was designed to evoke the sense of Lake Biwa is encircled with cherry blossoms (weeping cherries), flowering dogwoods, trees with autumn hues, white camellias, and other plants that offer beauty which peak at various times through the four seasons, leaving an elegant and memorable impression.







