Corporate Profile
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.
Takeshi Matsuda, Representative director
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.

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

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.

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

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
## Corporate Profile

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>ARKRAY, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Representatives</td>
<td>Takeshi Matsuda, Representative director</td>
</tr>
<tr>
<td></td>
<td>Yukitoshi Yao, Representative director</td>
</tr>
<tr>
<td>Location</td>
<td>Yousuien-nai, 59 Gansui-cho, Kamigyo-ku, Kyoto-shi Kyoto-ku 602-0008, JAPAN</td>
</tr>
<tr>
<td>TEL</td>
<td>+81-75-662-8979</td>
</tr>
<tr>
<td>FAX</td>
<td>+81-75-431-1292</td>
</tr>
<tr>
<td>URL</td>
<td><a href="http://www.arkray.co.jp/english/">http://www.arkray.co.jp/english/</a></td>
</tr>
<tr>
<td>Established</td>
<td>June 10, 1960</td>
</tr>
<tr>
<td>Sales</td>
<td>JPY 56.3 billion (All ARKRAY group) as of October, 2019</td>
</tr>
<tr>
<td>Number of Employees</td>
<td>2,730 (All ARKRAY group) as of November 1st, 2019</td>
</tr>
</tbody>
</table>

### Affiliates [Japan]
- ARKRAY Marketing, Inc.
- ARKRAY Global Business, Inc.
- ARKRAY Factory, Inc.
- ARKRAY Infinity, Inc.
- Kuroda Lab, Inc.
- ARKRAY Nagasaki Development Center, Inc.
- Universal Healthcare Inc.
- ARKRAY Next, Inc.

### Affiliates [Overseas]
- ARKRAY Factory Pinghu, Inc.
- ARKRAY Marketing Shanghai, Inc.
- ARKRAY Marketing Shanghai, Inc. Beijing Sales and Service Office
- ARKRAY Global Business, Inc. Seoul Sales and Service Office
- ARKRAY Global Business, Inc. Korean Development Center
- ARKRAYxPARTNERS Pte. Ltd.
- ARKRAYxPARTNERS Pte. Ltd. Singapore Laboratory
- PT. ARKRAY
- ARKRAY Industry, Inc.
- ARKRAY Industry West, Inc.
- ARKRAY Co. Ltd., Inc.
- ARKRAY Healthcare Pvt. Ltd.
- ARKRAY Healthcare Pvt. Ltd Surat Factory
- ARKRAY Europe, B.V.
- ARKRAY Factory Ltd.
- ARKRAY Ltd.
- Color Trading Sp. z o. o.
- ARKRAY Europe, B.V. ARKRAY Middle East Branch
- ARKRAY America, Inc.
- ARKRAY Factory USA, Inc.
- ARKRAY USA, Inc.
- U.S.A.RKRAY, Inc.
- ARKRAY USA, Inc. Miami branch

## 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 its own unique business operation, while ARKRAY, Inc. unites all areas through its management structure.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>Tadashi Doi establishes Kyoto Daiichi Kagaku in Fushimi-ku, Kyoto-shi.</td>
</tr>
<tr>
<td>1964</td>
<td>Builds its own factory in Fushimi-ku, Kyoto-shi, and relocates the headquarters due to business expansion.</td>
</tr>
<tr>
<td>1970</td>
<td>Relocates the headquarters to Minami-ku, Kyoto-shi due to business expansion.</td>
</tr>
<tr>
<td>1971</td>
<td>Enters into a sales alliance with Yamanouchi Pharmaceutical Co., Ltd. for AUTION Analyzer UA-6, an automated urine analysis system.</td>
</tr>
<tr>
<td>1975</td>
<td>Enters into a sales alliance with Miles-Sankyo Co., Ltd. for Dextrometer, a portable blood glucose meter.</td>
</tr>
<tr>
<td>1981</td>
<td>Launches AUTO A1c HA-8110, the world's first automatic glycohemoglobin fractionation analyzer.</td>
</tr>
<tr>
<td>1988</td>
<td>Launches SPOTCHEM SP-4410, a dry chemistry blood analyzer.</td>
</tr>
</tbody>
</table>

**Product History**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>Successfully develops KBr, the nation's first infrared synthetic single crystal.</td>
</tr>
<tr>
<td>1970</td>
<td>Launches EYETONE, a portable blood glucose meter.</td>
</tr>
<tr>
<td>1980</td>
<td>Announces RaBA-3010, a rapid blood analyzer. Adopts the digital display method for clinical testing devices, a first in the world.</td>
</tr>
</tbody>
</table>

**Company History**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>Launches AUTION Analyzer UA-6, a reflectorometer system for urine testing, and Uniflet, its test strip product.</td>
</tr>
<tr>
<td>1980</td>
<td>Establishes a new company building in Minami-ku, Kyoto-shi.</td>
</tr>
<tr>
<td>Year</td>
<td>Event</td>
</tr>
<tr>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>1990</td>
<td>Starts operation at the Konan factory in Koka-gun, Shiga-ken.</td>
</tr>
<tr>
<td>1990</td>
<td>Establishes ARKRAY Factory, Inc. through the separation of the production division.</td>
</tr>
<tr>
<td>1990</td>
<td>Launches GLUCOCARD GT-1610, a portable self-monitoring blood glucose meter.</td>
</tr>
<tr>
<td>2000</td>
<td>40th anniversary of the company’s establishment. Company name is changed to ARKRAY, Inc.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes ARKRAY Marketing, Inc. and ARKRAY Global Business, Inc. through the separation of the sales division.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes a sales office in China: ARKRAY Factory Shanghai, Inc.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes ARKRAY Infinity, Inc.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes a sales office in the Netherlands: ARKRAY Europe, B.V.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes ARKRAY Group Kyoto Headquarters in Nakagyo-ku, Kyoto-shi. The old headquarters was renamed as Science Park.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes ARKRAY AMERICA, Inc. in Minnesota (U.S.). Establishes a sales office in Poland.</td>
</tr>
<tr>
<td>2000</td>
<td>Establishes ARKRAY PIRAMAL Medical Pvt. Ltd. (joint venture) in India (currently: ARKRAY Health-care Pvt. Ltd.).</td>
</tr>
<tr>
<td>2010</td>
<td>50th anniversary of the company’s establishment. Changes company logo in commemoration of the 50th anniversary.</td>
</tr>
<tr>
<td>2010</td>
<td>Establishes a manufacturing facility in the Philippines: ARKRAY Industry, Inc.</td>
</tr>
<tr>
<td>2010</td>
<td>Starts operations at the Kyoto laboratory in Kamigyō-ku, Kyoto-shi.</td>
</tr>
<tr>
<td>2010</td>
<td>Establishes a sales office in Indonesia: PT. ARKRAY.</td>
</tr>
<tr>
<td>2010</td>
<td>Establishes a manufacturing facility in Russia: ARKRAY Ltd.</td>
</tr>
<tr>
<td>2010</td>
<td>Establishes an office for managing businesses in Southeast Asia, South Asia and Oceania in Singapore: ARKRAY &amp; PARTNERS Pte. Ltd. Also establishes an R&amp;D Center in Singapore.</td>
</tr>
<tr>
<td>2010</td>
<td>Relocates the headquarters to the Kyoto laboratory to consolidate business facilities.</td>
</tr>
<tr>
<td>2010</td>
<td>Establishes a sales office in Dubai: ARKRAY Middle East Branch.</td>
</tr>
</tbody>
</table>
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.
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.

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.
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.

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.
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.

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.

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 shikuwasha extract, Biletin, is produced from the extract of Okinawan shikuwasha fruit. It is supplied in powder form (light yellow or yellow) and contains concentrated nobiletin and tangeritin.
Our products are in operation in more than 80 countries and regions globally. Making the most of our broad network of 23 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 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.
In 2011, IWATA PROJECT 21 was launched in cooperation with Minoru Iwata, a professional baseball player who plays for the Hanshin Tigers. He pursued and realized his dream of becoming a professional baseball player after he had been diagnosed with type 1 diabetes at age 17. We work together to support children with diabetes by carrying out various activities. Iwata believes in himself, and relentlessly challenges himself day after day in a tough professional world. “Never give up on your aspirations” For him, that also means to become a ray of hope for children with diabetes.

Kyoto Hannaryz

Kyoto Hannaryz joined the Japanese professional basketball league from the 09-10 season. The ARKRAY logo is proudly displayed across the front of the uniform. We enthusiastically support the Kyoto Hannaryz playing in the B.LEAGUE, and also contribute to the further development of sports culture in Kyoto.

Column Yosuien

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.