

Product Lineup



Laboratory Products

ARKRAY attends to every customer need by offering various diabetes and urinalysis instruments. Our products range from simple, easy-to-use equipment for bedside testing at medical clinics to high speed/ high throughput equipments for clinical laboratories.

Diabetes Diagnosis

ADAMS A1c HA-8190V



ADAMS A1c, HA-8190V a fully automated Glycohemoglobin (HbA1c) analyzer based on HPLC (High Performance Liquid Chromatography). HbA1c is a good parameter for long-term blood glucose monitoring in patients suffering from diabetes.

- High speed measurement
Only 24 sec/test for Fast Mode and 58 sec/test for Variant Mode
- User Friendly
Color Touch Screen
Seamless mode switching between Fast and Variant Mode which enables shorter TAT
- Measurement items are as follows
Fast Mode
HbA1c (Stable HbA1c, S-A1c) and HbF
Variant Mode
HbA1c (Stable HbA1c, S-A1c) and HbF
HbS and HbC can be detected
(HbD and HbE will be flagged)

Diabetes Diagnosis

ADAMS A1c HA-8180T



HA-8180T incorporates unique HPLC column technology to make it the fastest analyzer of HbA2 in the world. This model is highly effective for β -thalassemia testing.

- High speed measurement: only 210 sec/test
- Measurement items are as follows
HbA1c (Stable HbA1c, S-A1c), HbA2 and HbF
(HbS, HbC, HbE and HbD can be detected)
- New column design with no more pre-filter change
- Economical - improved aluminium reagents for more efficient reagent supply
- Color LCD with reagent level, graphs on screen
- Compact design

Diabetes Diagnosis

ADAMS A1c Lite HA-8380V



ADAMS A1c Lite, HA-8380V is the brand new fully automated Glycohemoglobin (HbA1c) analyzer based on HPLC (High Performance Liquid Chromatography) with the following features;

- Compact size
Compact and small size with full function and performance
- Easy-to-maintain
No special tools are required for daily maintenance
- High-accurate measurements
The highly accurate measurements are available with the HPLC measurement principle
- Cap-piercing method
The HA-8380V uses a cap-piercing method which enables the setting of capped blood collection tubes in sample racks

Diabetes Diagnosis

The Lab 001



The Lab 001 is an automatic HbA1c analyzer which uses capillary electrophoresis methodology. Together with user friendly basic functions and ergonomic design, The Lab 001 becomes ideal choice for small/medium sized hospitals and clinics.

- **Rapid testing**
TAT is approximately 90 seconds using fingertip blood
- **Simple operation**
Just place a reagent cartridge in the analyzer
- **High performance**
Enables the separation of HbF and variant hemoglobins (HbC, HbD, HbE and HbS) and contributes to more appropriate diabetes care

Urinalysis

AUTION EYE AI-4510



AUTION MAX AX-4060

AUTION EYE AI-4510 is a fully automated urine sediment analyzer with the following features:

- **Intuitive operation enabled by easy-to-see operational screen**
- **Provides various information to support urinary sediment analysis**
- **Direct connection with urine qualitative analyzer is possible**

AUTION MAX AX-4060 is the solution to your needs in urine analysis. It is a fully automated analyzer that can do various measurements such as S.G., color-tone, turbidity, abnormal coloration as well as eleven qualitative analyses.

Reagent



AUTION Sticks



AUTION SCREEN

ARKRAY's AUTION Sticks(AUTION Sticks 10EA, 7EA, 4EA, 10PA, AUTION SCREEN) Uriflet S 11UA represent an enormous investment of company time and resources in producing the most advanced urine test strip for the medical profession. AUTION Sticks and Uriflet S help ensure accurate measurements both visually and automatically.

- **Covers all items necessary for urine testing. A maximum of 11 items can be measured simultaneously**
- **Choose the combination which best suits your testing needs**
- **Choice of visual measurement or automatic measurement on an exclusive analyzer**

Urinalysis

AUTION ELEVEN AE-4020



AUTION ELEVEN is the eleventh model of AUTION series which is ideal for use in small-to-medium-sized hospitals and clinics with its smart design and features.

- Compact body
Dimensions : 210(W) x 328(D) x 164(H) mm
Weight : 3.6kg
- High throughput : 514 tests/hour (7 seconds/test)
- Auto-start function : Measurement starts automatically when a strip is set on the tray
- Test strip can be placed either from the left or the right side
- 11 parameters and color tone can be measured simultaneously

Others

i-densy IS-5320



i-densy provides easy SNPs analysis of your choice. Fully integrated automatic system from Pretreatment, amplification, to detection.

- Fully automated measurement - up to 4 samples can simultaneously be measured
- High speed measurement - 80min from start to result output using whole blood
- Space saving - compact design with built-in control PC and printer
- Easy to maintain
- Compact reagent pack - all of necessary reagents is packed into reagent pack
- Multi type sample support - various type of samples can be handled such as whole blood, oral swab and purified nucleic acids

Others

OSMO STATION OM-6060



OSMO STATION is a popular automatic osmometer that satisfies all your clinical and R&D / QA needs. It has user-friendliness with established reliability and functionality.

- Noise-free and accurate measurement using Freezing-point depression
- Micro sample volume
Sample required only 200 μ L
- Free calibration
3 Points calibration
2 Points calibration
Calibration data is memorized unless turning off the power
- Various measurement mode
Osmotic pressure ratio measurement
Control measurement

Near Patient Testing (NPT) Products

ARKRAY provides NPT systems that support real-time inspections at medical clinics and enable easy-network construction through computerized management on wide-ranging inspection items.

Dry Chemistry

SPOTCHEM EZ SP-4430



SPOTCHEM EZ performs biochemical measurements easily with the dry method and solid phase reagent. A built-in compact centrifuge reduces pretreatment of samples before measurement. SPOTCHEM EZ is a most-advanced dry chemistry analyzer.

- Compact & lightweight - Only A4 sized space for installation
- Built-in compact centrifuge
- Simple operation
- Easy calibration with magnetic card
- Multi-type reagent (with 5 or 6 items) by disease
- Management by barcode is available.

Dry Chemistry

The Lab 004



The Lab 004 is a compact biochemical analyzer which creates new values with minimum measurement items Cre, UA, Ca, AST (GOT), ALT (GPT) using dry biochemistry method.

- User friendly
- Dry biochemistry method
- Mobile battery
- Easy calibration

Electrolyte

SPOTCHEM EL SE-1520



SPOTCHEM EL is an electrolyte analysis system with capacity for total electrolyte analysis requirements in all fields. Fast, accurate and simple electrolyte analysis of body fluids-essential in an emergency.

- Whole blood, serum, plasma and urine can be measured with 22 μ l
- Two types of special twin-pipettes are available
- Easy calibration can be completed with magnetic card
- Na, K, Cl are measured at the same time on the same E-Plate

Diabetes Screening

PocketChem A1c Advanced



PocketChem A1c Advanced is a fully automated analyzer utilizing boronate affinity method for determination of HbA1c in human whole blood.

- **Reliable**
Fast & accurate result CV3%, in 4.5min.
- **User friendly**
LCD touch screen
Multi-lingual voice & video guide
Built-in Thermal Printer
- **Easy to use**
Single test cartridge containing synthetic materials (Bead, Washing solution)

Urinalysis

PocketChem UA PU-4010



Palm-sized, fitting easily into a doctor's bag or uniform pocket.

In order to achieve the goals of "anytime", "anywhere" and "easy to handle", the printer can be separated from "PocketChem" analyzer, leaving it with a weight of just 180g.

- **Multiple functions**
- **Palm-sized meter driven by two batteries**
- **Easy operation and daily maintenance**
- **Highly reliable test results with Creatinine compensation**

Others

PocketChem BA PA-4140



PocketChem BA is a palm size meter with the separate printer unit, and whole blood sample is available with easy operation. You can measure blood ammonia anytime, anywhere and by anyone without any care about increasing ammonia level.

- **Needs 20 μ l of whole blood**
- **Only 124(W) x 85(D) x 38(H)mm, and 150g weight**
- **2 x AA-sized dry battery for mobility and/or AC adapter**
- **Uses exclusive reagent strips without any pretreatment**

Others

D-Concept



SPOTCHEM D-Concept was developed to change the face of POCT. This instrument comprises all the functions demanded from the market and allows customization according to function: a first for a POCT analyzer. With units installed on top of one another, it takes up very little space too.

- **SPOTCHEM D-00 SD-9810**
Operation Control Unit
 - Instructions for measurement
 - Test result confirmation
 - Printing of test results
- **SPOTCHEM D-01 SD-3810**
Immunoassay Unit
 - Measurement parameters CRP, RF, μ Alb / cre (urine)
 - 2 samples loaded simultaneously
 - Minimum sample volume : 50 μ l
- **SPOTCHEM D-02 SD-4810**
Dry Chemistry & Electrolyte Unit
 - Measurement parameters 22 biochemistry items & electrolyte (Na, K, Cl)
- **SPOTCHEM D-03 SD-4820**
Dry Chemistry
 - Measurement parameters 22 biochemistry items

Others

PocketChem BG PG-7320



PocketChem BG is easy, compact and safe. POCT instrument with compact design and safe data management is now available.

- 5 seconds Measuring Time.
- Built-in barcode enables management of patient/user IDs and reagent lot numbers.
- Palm-sized and light weight with only 120g.
- Wireless communication allows easy data transfer and eliminates the need to copy data manually.

Oral care

SillHa LH-4912



For oral care one step ahead.
We propose new communication with patients using an easy testing tool.

- **Multiple panels**
7 items related to tooth health, gum health, and oral cleanliness can be measured at once.
- **Easy operation**
Just drop a specimen on a test strip and press START.
- **Compact design**
Palm-sized with only 430g.

Veterinary Products

ARKRAY thinks about animals' health and aims to evolve medical care for them based on our technology in the development of human medical devices and reagents we have built up over a number of years.

Urine Analyzer

thinka RT-4010



Urine analyzer for animals Automatically give urine protein-creatinine ratio of dogs and cats

- Palm-sized meter.
- The operation is simple.
Just press the start key and place a test strip.
- Printer is detachable from the meter.
- Printed test results can be pasted on the health record to explain to the pet owner.
- The small body is packed with features such as colored urine compensation and temperature compensation.

Others

thinka Rapid Test Series CHW



Rapid and high accuracy Test Kit series
Perform the Canine Heartworm test
simple and quick in one step.

- Simple : Only drop the sample.
Easy measurement in 1 step.
- Quick : Within 10 minutes, you can get the result.
- High accuracy : Easy to determine the test line
with high sensitivity.

Self-Care Products

ARKRAY's self-care products enable diabetic patients to control their blood glucose levels themselves. The products are designed to be easy-to-use, fast, and accurate.

Blood Glucose meter

GLUCOCARD S GT-7110



ARKRAY's new technology provides you high accuracy with GLUCOCARD

- **High Accuracy**
GLUCOCARD S fulfills the quality goal based on New ISO 15197:2013
- **USB port data Download (micro USB)**
The meter has a data download port to export result data to external PC
- **Safe test strips disposal lever**
The meter has a test strips disposal lever
- **5 seconds Measuring Time**
- **0.3 micro Sampling**

GLUCOCARD W GT-7210

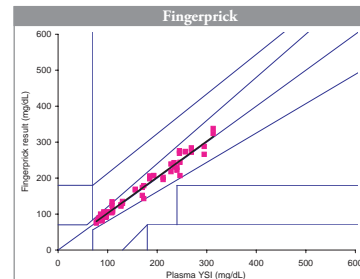


ARKRAY's new technology provides you high accuracy with GLUCOCARD W

- **High Accuracy**
GLUCOCARD W fulfills the quality goal based on New ISO 15197:2013
- **USB port data Download (micro USB)**
The meter has a data download port to export result data to external PC
- **Safe test strips disposal lever**
The meter has a test strips disposal lever
- **7 seconds Measuring Time**
- **0.5 micro Sampling**

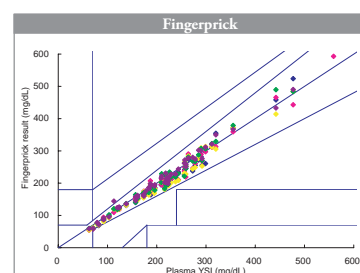
High Accuracy

GLUCOCARD™ S fulfills the quality goal based on New ISO 15197:2013.



High Accuracy

GLUCOCARD™ W fulfills the quality goal based on New ISO 15197:2013.



GLUCOCARD S onyx GT-7120



ARKRAY's new technology provides you high accuracy with GLUCOCARD

- **High Accuracy**
GLUCOCARD S fulfills the quality goal based on New ISO 15197:2013
- **USB port data Download (micro USB)**
The meter has a data download port to export result data to external PC
- **Bluetooth Data communication**
- **Safe test strips disposal lever**
The meter has a test strips disposal lever
- **5 seconds Measuring Time**
- **0.3 micro Sampling**

Blood Lactate Meter

Lactate Pro 2 LT-1730



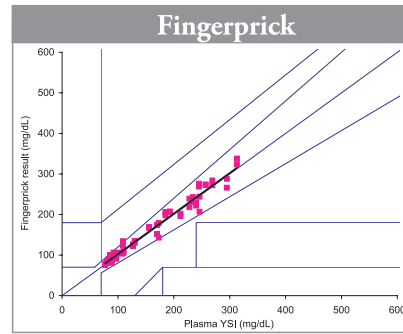
A blood lactate test meter is palm size, "Lactate Pro2" speedily measures lactate with only a small sample of blood. Realizing the C.V. "Lactate Pro2" is proud of its high precision and performance, equivalent of large-scale testing instruments.

Only a 0.3 μ l blood sample is required. Speedy measurements in 15 sec. High performance in a small size.

- Required blood sample volume is 0.3 μ l
- Measurement completed in 15 seconds
- High data precision
- Palm size
- Stores up to 330 measurement results

High Accuracy

GLUCOCARD S-system fulfills the quality goal based on New ISO 15197:2013.



±15% accuracy

Bluetooth Data communication

The wireless communication function using Bluetooth 4.0.



ARKRAY GLOBAL BUSINESS, INC.

Yousuien-nai, 59 Gansuin-cho,
Kamigyo-ku, Kyoto 602-0008, JAPAN

TEL 81-75-662-8979 FAX +81-75-431-1202

