



Automated Immunoassay Analysers

**ALWAYS THE RIGHT CHOICE  
FOR YOUR LAB**



**AIA®-360 | AIA®-900 | AIA®-2000 | AIA®-CL1200 | AIA®-CL2400** Better diagnostics **for better living**

**TOSOH BIOSCIENCE**

# Let's ask **the right questions** about your lab's needs

You have high expectations for an immunoassay solution, and with good reason. From clinical and analytical performance to financial goals, you need the right solution that works for your lab.

**Choosing the right immunoassay analyser is not always an easy job.**



**Several elements** come into play



How many immunoassay samples do you analyse per day: **under 30 or over 500?**



Do you have **urgent requests** as part of your daily activity?



In your lab, do you need an instrument that runs **tests with high accuracy and precision?**



How important are **efficiency and cost-effectiveness?**



Do you need an analyser that can be **connected to your laboratory automation system?**

For the space, urgent requests, budget, test capacity, test reliability and operator resources that your laboratory needs to handle, Tosoh has **the right answer** for your immunoassay system.




# A full range of instruments to make **the right decision** for your lab

**AIA<sup>®</sup>-CL**  
The Sensitive Performers  
Accurate and precise results on a large scale


**AIA<sup>®</sup>-CL2400**



 **240** results per hour

**AIA<sup>®</sup>-CL1200**




 **120** results per hour

**From large to small:** the choice is yours

**AIA<sup>®</sup>-2000**  
The Hard Worker

Flexible 'always ready' analyser. Connectable to open laboratory automation systems




 **200** results per hour

**AIA<sup>®</sup>-900**  
The Flexible Grower

The analyser that evolves with your laboratory




 **90** results per hour

**AIA<sup>®</sup>-360**  
The Special One

Small benchtop analyser that fits everywhere



 **36** results per hour

# AIA-PACK® and CL AIA-PACK® test concept: **the right solution** always ready to run

All Tosoh immunoassay tests are based on the principle: **1 cup = 1 test**

## What does that mean?

A test cup **contains all specific reagents** necessary for performing one analysis. Cup content is freeze dried, giving it **a long shelf-life**. The entire immunological reaction takes place inside the test cup (from incubation to signal detection). No transfer of sample material or reagent is needed and therefore less chance of errors.

## What does that mean for you?

Calibration remains **stable for 90 days**, reducing your reagent consumption and making it predictable, making your life and finances easier to control. Standardised incubation times (18 minutes for 90% of the analytes) deliver **results continuously after 20 minutes**.



## Tests are available for

Thyroid  
Fertility  
Tumour  
Cardiac  
Metabolism  
Lung Function  
Diabetes  
Anaemia  
Kidney Function  
Allergy  
Emergency  
Infectious diseases (in development)



# Need added **sensitivity and highly reproducible results?**

## **AIA®-CL** The Sensitive Performers

Connectable to **open laboratory automation systems**



**AIA®-CL1200**  
Best fit for mid-size laboratories  
🕒 **120** results per hour



**AIA®-CL2400** and **AIA®-CL1200** are the latest additions to Tosoh's immunoassay instrument range.

Both utilise the patented enhanced chemiluminescence technology. **Sensitivity and reproducibility** of the highest standard.



**AIA®-CL2400**  
Specifically flexible for high volume labs  
🕒 **240** results per hour

All reactions take place in **the single test twin-cups**. Calibration stability of 90 days is carried out in ready-to-use adjuster cups. It ensures minimal intervention and decreased introduction of errors due to excessive calibration.



Together with the ease of use and reduced hands-on time, **these instruments are absolute state of the art in immunoassay testing.**

# Need a flexible model in a changing workload environment?

## AIA<sup>®</sup>-900 The Flexible Grower

The **AIA<sup>®</sup>-900** is a **three-in-one solution** for your evolving laboratory. Move from basic benchtop to a floor-standing analyser with just a few additional components without the need to revalidate and thus utilising valuable operator time.

From 'entry level benchtop', scale up to the **9-tray or 19-tray models**, which provide greater autonomy and capacity.

The **AIA<sup>®</sup>-900** makes use of the proven **highly sensitive fluorescence kinetics detection technology**.

**AIA<sup>®</sup>-CL900**  
🕒 90 results per hour

## 1 INSTRUMENT, 3 POSSIBILITIES



**SETUP 1**  
**Benchtop model**  
The entry level choice.



**SETUP 2**  
**9-Tray model**  
Base model + 9-tray reagent sorter  
Step-up model towards automated random access



**SETUP 3**  
**19-Tray model**  
Base model + 19-tray reagent sorter  
For extended autonomy and test combinations

## Need to free up your operators?


### **AIA<sup>®</sup>-2000** The Hard Worker



Step into full laboratory automation with Tosoh's **AIA<sup>®</sup>-2000**, with a **proven record of performance**. Get peace of mind thanks to the **non-stop result delivery and reliable performance** of this analyser.

The **AIA<sup>®</sup>-2000** makes use of the proven highly sensitive fluorescence kinetics detection technology.

Can be connected to **open laboratory automation systems**.

 **200** results per hour


## Need urgent results or short on space?

### **AIA<sup>®</sup>-360** The Special One



The **AIA<sup>®</sup>-360** is an efficient, easy to use and compact analyser, all in one. Designed for small laboratories, specialty testing, emergency departments or physicians' offices, it delivers reliable and high-quality test performance for low volume, on-demand testing.

The **AIA<sup>®</sup>-360** makes use of the proven **highly sensitive fluorescence kinetics detection technology**.

 **36** results per hour

# Tosoh Bioscience

## Better diagnostics for better living

## Reliability is in our blood

Ever since it was founded in Japan in 1935, Tosoh Corporation has built a reputation for quality and performance in the chemical industry. With our Tosoh Bioscience division, we have positioned ourselves in medical diagnostics with **a twofold ambition:**

**1** **Provide healthcare professionals** with the most reliable and accurate **immunoassay analysers** on the market

**2** **Monitor patients' status** and so allow to decide for best possible treatment.

### Quite simply

Better diagnostics for better living is a strong promise that we deliver through stringent demands in terms of quality, precision and service. Because when life is at stake, only excellence counts.



At Tosoh Corporation, we apply our long and extensive experience in immunoassay solution development and manufacturing to your laboratory's performance.

### An established company with chemical expertise

- Founded in Japan in 1935. Over 12,000 employees in 19 countries.
- Global chemical company: US\$7.7bn in sales across five groups.
- Tosoh chemicals are in manufactured items all around us.
- Our extensive knowledge led us to pioneer immunoassay for in-vitro diagnostics.
- We manufacture all our diagnostic instruments and reagents in-house.

### World-leading immunoassay experience

- Since 1986, Tosoh has been producing immunoassay systems and reagents
- Tosoh was the first company to market a true random access immunoassay analyser
- Our method is robust, reliable and efficient





# 3 special reasons to choose **Tosoh** immunoassay solutions

**1.**

Simple and flexible workflow  
for 24/7 testing reliability

**2.**

Always ready to run  
Always available

**3.**

High quality and performance

**The right automated immunoassay  
solution, just for you**

Automated Immunoassay Analysers • **Better diagnostics for better living**