



AIA-360

AUTOMATED IMMUNOASSAY ANALYZER

**Sophisticated Diagnostics
in a Compact Analyzer**



TOSOH BIOSCIENCE



AIA-360



Reliable Solution for Low Volume Testing

Throughput of 36 Results per Hour

Full Test Menu

Easy to Use

STAT Assay Results in ~ 20 Minutes

Random Access

Compact - 16"w x 16"d x 21"h / 61lbs

Fits Multiple Laboratory Environments:

- Small hospitals
- Physician Office Laboratories
- Cardiac and Specialty Testing
- Reliable Back-up to Larger Tosoh Analyzers



REAGENT TECHNOLOGY

Tosoh's AIA Reagent Test Cup Technology

- Unit Dose Test Cup reagent technology requires no on-board refrigeration, no pre-mixing and no pre-measuring.
- Saves time and cost by eliminating errors and waste.
- Complete test menu.
- Reagents have a one year shelf life from date of manufacture.
- 90-day calibration stability most assays.



SYSTEM ADVANTAGES

User Friendly Interface

- Icon driven touch screen is intuitive and is easy to navigate.
- Assay monitoring enables the user to check sample progress and assay performance.
- Sample ID's can be manually programmed if non-barcoded specimens are utilized.
- The system can be interfaced to any LIS system.
- Up to 300 assay results can be saved on the AIA-360.

Advanced Sample Carousel

- The AIA-360 sample carousel holds up to 25 patient samples and 25 test cups at one time.
- The operator may load bar-coded primary tubes or sample cups directly on the system.
- Up to four assays per specimen can be loaded.
- Additional samples and tests can be added at any time without interrupting sample processing.
- Once samples and test cups are loaded, the operator presses START and walks away.



Fast and Accurate Results

- Prints patient results in real-time for fast and easy review.
- First result in ~ 20 minutes.
- Bar-code sample ID ensures accurate patient identification without manual worklist entry.
- Analyte is identified via an on-board camera.



Convenient Reagent Access

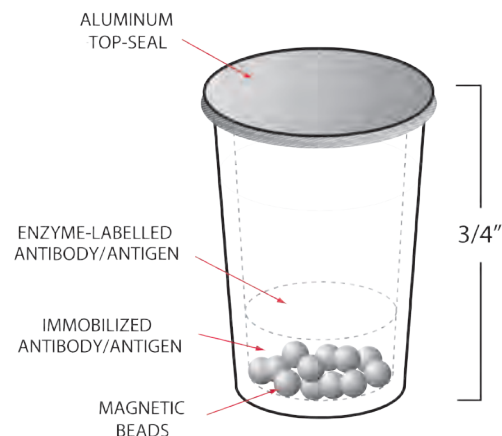
- The common reagents are easily accessible from the removable reagent tray.
- Reagent level sensors signal the user when reagents are running low or when the waste needs to be emptied.

Result Printout

```

OP:SHANTI    02/01/24 08:59
SampleID:100010
Samp.Pos:1
Analyte :#FER Lot:11 :1
Result  :79.2 ng/ml
Flag    :
Analyte :#bHCG Lot:33 :2
Result  :289.6 mIU/ml
Flag    :
    
```

Reagent Diagram



Specifications

Method	Fluorescence Enzyme Immunoassay
Detection	LED illuminant, non flow cell/TOP-TOP photometry method
Throughput	36 tests per hour
Reaction time	Antigen antibody reaction: 10 minutes
Sample loading Capacity	25 samples maximum
Reagent loading Capacity	25 tests maximum
Test for each sample	4 tests per sample
Sampling	Fixed Probe with Clot detection function
Sample Vessel	Primary Tube 13 x 75/100mm, 16 x 75/100mm 2 mL sample cup
Barcode	Code39, Code128, ITF, NW-7 and JAN
Interface	RS232C
Size/Weight	16w x 16d x 21h • 61 lbs.
Power source	AC100 240VAC-50/60Hz 250VA
Environment	Temperature: 15-30 ⁰ C, Relative Humidity 40-80%



TOSOH BIOSCIENCE

Tosoh Bioscience, Inc.
3600 Gantz Road, Grove City, OH 43123
Tel: (800) 248-6764, Fax: (650) 615-0415
www.tosohbioscience.us

Distributed by:



contactsales@carolinachemistries.com
carolinachemistries.com

877-722-8910