



AIA-360[®]

AUTOMATED IMMUNOASSAY ANALYZER

**Sophisticated Diagnostics
in a Compact Analyzer**



TOSOH BIOSCIENCE
Better Diagnostics For Better Living



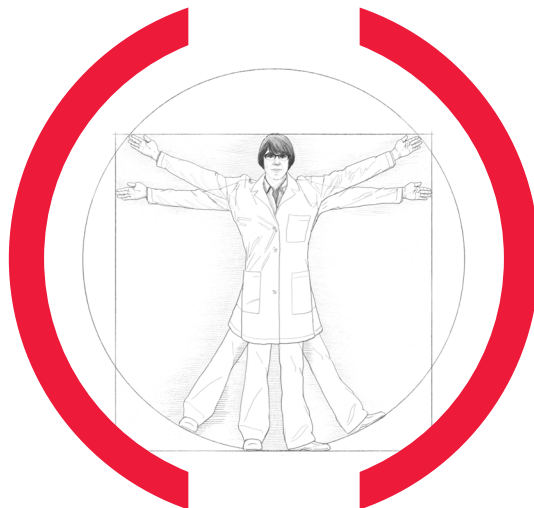
TOSOH

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 AIA Unit Dose Test Cup



- 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 for most assays.



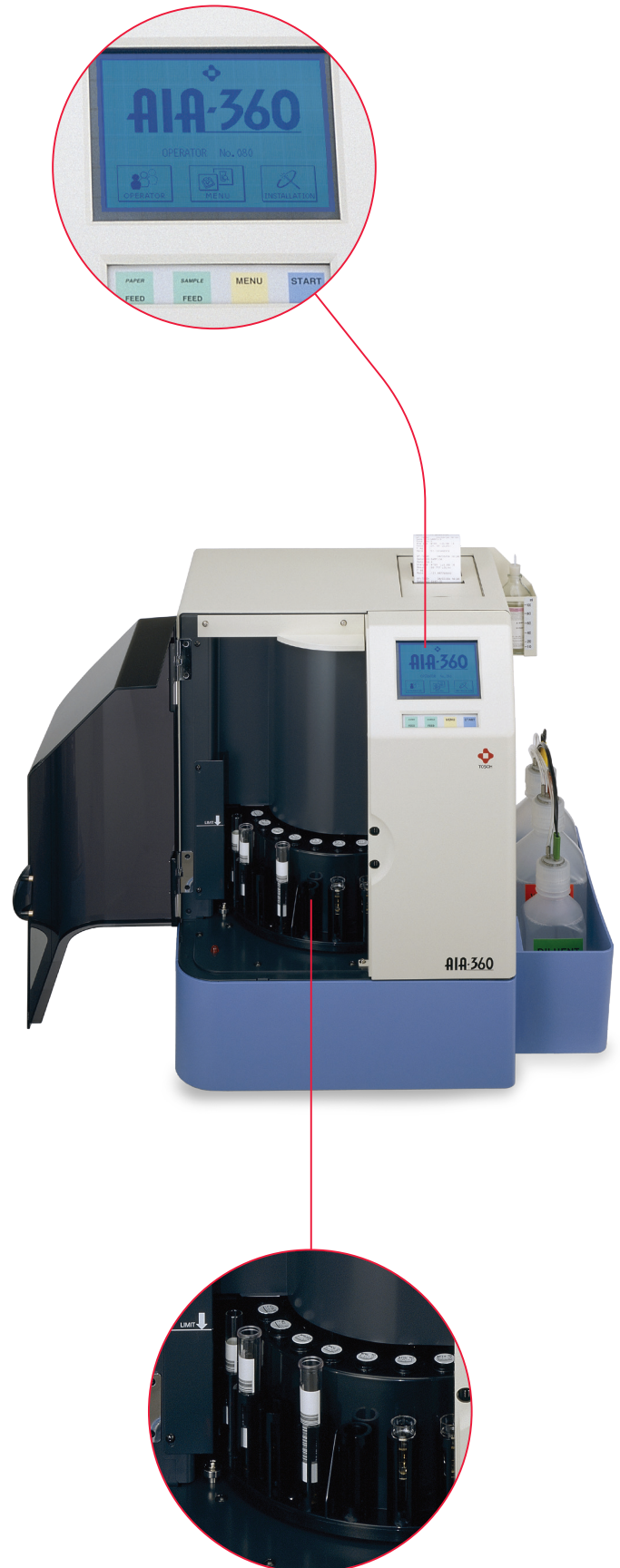
System Advantages

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 IDs 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

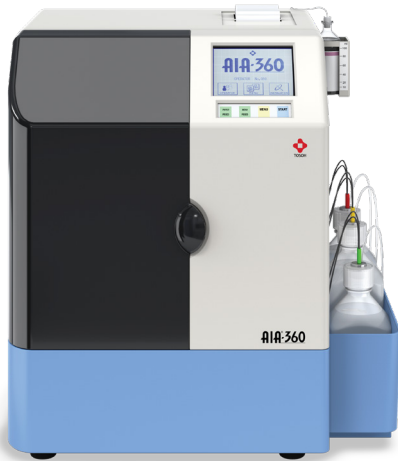
- The AIA-360 sample carousel holds up to 25 patient samples and 25 test cups at one time.
- The operator may load bar-coded primary tubes or sample cups directly on the system.
- Up to four assays per specimen can be loaded.
- Additional samples and tests can be added at any time without interrupting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

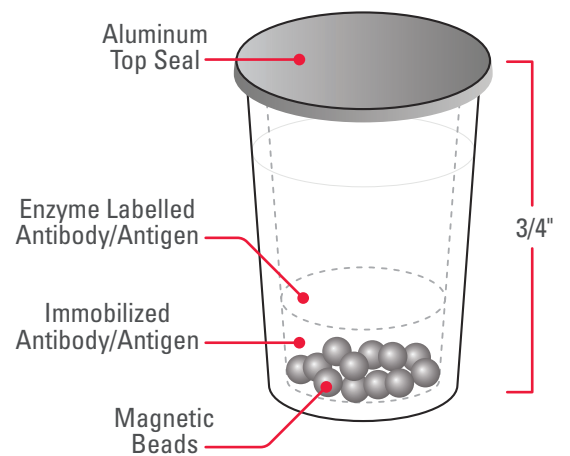
RESULT PRINTOUT

OP: 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 :

Specifications

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

REAGENT DIAGRAM



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