



# *AIA°600II*

FULLY AUTOMATED ENZYME IMMUNOASSAY ANALYZER



*AIA°600II* AUTOMATED IMMUNOASSAY ANALYZER

FULL-FEATURED BENCHTOP ANALYZER

**TOSOH BIOSCIENCE**



# *AIA<sup>o</sup>600II*

## Big System Features in a Compact Benchtop Analyzer

Throughput of 60 Results per Hour

STAT Assay Results in ~ 18 Minutes

Third Generation Sensitivity

Primary Tube Sampling

Automated Sample Dilution & Pre-treatment

Dual Clot Detection

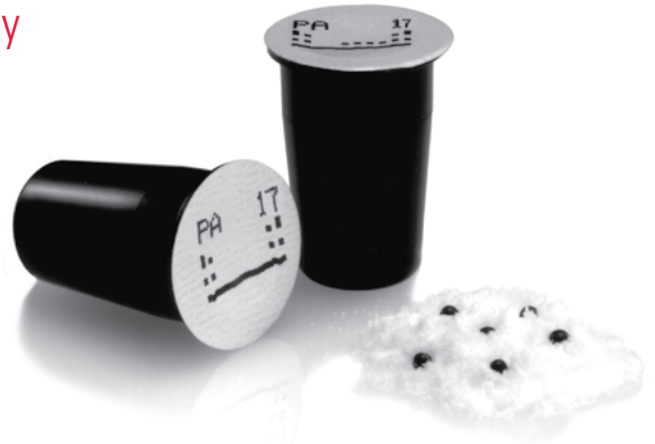
Compact Benchtop Size



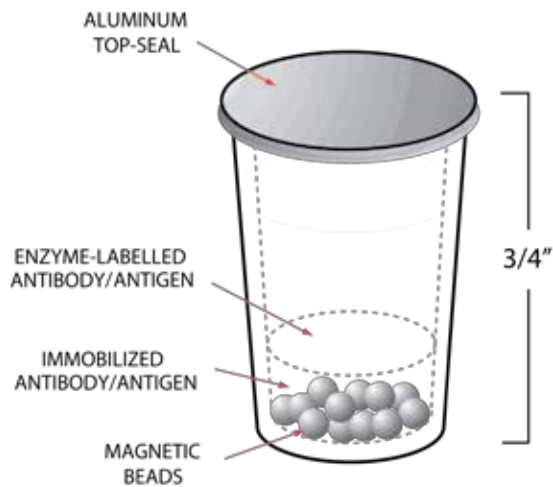
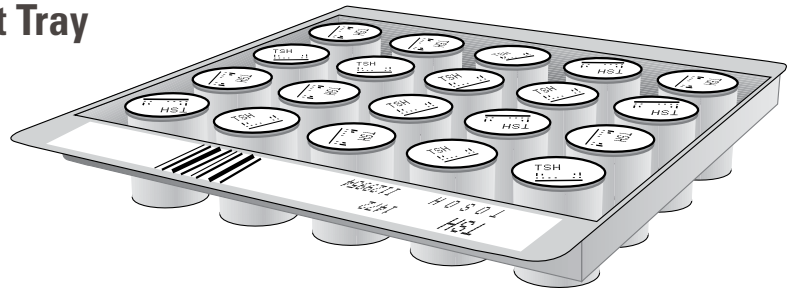
# REAGENT TECHNOLOGY

## 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.



Reagent Tray



Reagent Diagram

# SYSTEM ADVANTAGES

## STAT Performance

- First STAT result is reported in ~ 18 minutes, and additional STAT results are reported every 60 seconds.
- Additional samples and tests can be added at any time without interrupting sample processing.
- Once STAT samples are processed, the system resumes standard testing automatically.



## Advanced Sample Handling

- The operator may load barcoded primary tubes or sample cups directly on the system.
- Up to 5 unit dose test cups can be loaded behind each patient sample.
- Continuous random access operation.



## Simplistic Operation

- User-friendly interface.
- Auto dilution/auto pre-treatment.
- Automated sample level sensing.
- Automated daily maintenance.
- Once samples and test cups are loaded, the operator presses START and walks away.

## Reliable and Accurate

- Disposable pipette tips eliminate carryover.
- Automated sample level sensing for short sample detection.
- Tosoh's exclusive dual clot detection monitors the specimen at sample processing and again at the wash phase.
- Barcoded samples allow accurate patient identification without manual worklist entry.
- Bi-directional interface eliminates operator error and decreases hands-on time.



# Test Menu

10-MINUTE (ST) and 40 minute AIA-PACKS

## Cardiac Markers

ST CKMB  
ST Troponin I 2nd Gen  
ST Myoglobin

## Reproductive

ST  $\beta$ HCG  
ST Estradiol/Estradiol  
ST FSH  
ST LH II  
ST Prolactin  
ST Progesterone  
ST Testosterone

## Metabolic

ST Cortisol  
ST C-Peptide  
ST HGH  
ST Insulin  
ST iPTH

## Anemia

ST Ferritin  
Vitamin B12  
Folate

## Thyroid

ST TSH  
ST TT3  
ST T4  
ST FT3  
ST FT4  
ST T-Uptake  
TSH 3rd Gen  
TPO Ab  
Tg Ab

## Tumor Markers

ST AFP  
ST CEA  
ST PSA/PSA  
ST CA 125  
ST 27.29  
ST CA 19-9

## Other

ST  $\beta$ -2 Microglobulin  
ST IgE II  
ST PAP

## AIA 600II Result Printout

#0006 C.02 11/03/05 17:23  
S. ID:1224 Sp.1 OPERATOR:TOSOH

Analyte	Result	Unit	Dil.	Flag
1 #PA	0.7	ng/ml		2.075136
2 #FER	40.2	ng/ml		7.834533

Tosoh Bioscience, Inc.

## Instrument Specifications

### Size

Width 31.9 in (810 mm)  
Depth 29.1 in (740 mm)  
Height 20.1 in (510 mm)  
Weight 154 lbs (~ 70 kg)

### Interface

Bi-directional

### Host query

Communications via ASTM standards

### Electrical

Voltage 110-120 VAC  
Frequency 50/60 Hz  
Consumption 200 VA



**TOSOH BIOSCIENCE**

TOSOH

Tosoh Bioscience, Inc.  
6000 Shoreline Court, Suite 101  
South San Francisco, CA 94080  
Tel: (800) 248-6764  
Fax: (650) 615-0415  
[www.tosohbioscience.us](http://www.tosohbioscience.us)