



# AIA<sup>®</sup> - 600 II

**AUTOMATED IMMUNOASSAY ANALYZER**

## *Big System Features in a Benchtop Analyzer*

- ❖ Throughput of 60 Results per Hour
- ❖ First Result in ~18 Minutes (ST Assays)
- ❖ Third Generation Sensitivity
- ❖ Primary Tube Sampling
- ❖ Automated Sample Dilution & Pretreatment
- ❖ Dual Clot Detection
- ❖ Compact Benchtop Size - Footprint < 3'
- ❖ Utilizes Tosoh's patented Unit Dose Test Cup Technology - the same for all Tosoh AIA Systems



## **10-MINUTE (ST) and 40-MINUTE AIA-PACKS**

### **Thyroid**

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

### **Cardiac Markers**

- ST CKMB & CKMB
- ST Troponin I <sup>2nd Gen</sup>
- ST Myoglobin

### **Reproductive**

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

### **Tumor Markers**

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

### **Anemia**

- ST Ferritin & Ferritin
- Vitamin B12
- Folate

### **Metabolic**

- ST Cortisol & Cortisol
- ST C-Peptide & C-Peptide
- ST GHG & GHG
- ST Insulin & Insulin
- ST iPTH

### **Other**

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

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**ADVANCED SAMPLE HANDLING**

- ❖ Continuous random access operation
- ❖ Up to 5 assays per sample
- ❖ Utilizes bar-coded primary tubes or sample cups



**SIMPLE OPERATION**

- ❖ User-friendly operation
- ❖ Auto dilution
- ❖ Auto pretreatment
- ❖ Automated sample level sensing for short sample detection
- ❖ Automated daily maintenance



**STAT PERFORMANCE**

- ❖ Additional samples and tests can be added at any time without interrupting sample processing
- ❖ First ST result in ~18 minutes
- ❖ Additional results every 60 seconds



**RELIABLE AND ACCURATE**

- ❖ Disposable pipette tips for accurate level sensing
- ❖ Dual clot detection monitors the specimen at sample processing and again at the wash phase
- ❖ Bar-coded samples allow accurate patient identification without manual worklist entry



*Dimensions: 32" w x 29" d x 20" h, 154 lbs*

**AIA-600 II Result Printout**

#0006	C.02	Sp. 1	11/03/05 17:23
S. ID:1224			OPERATOR:TOSOH
Analyte	Result	Unit	Dil. Flag
1 #PA	0.7	ng/ml	2.075136
2 #FER	40.2	ng/ml	7.834533