

# Biossays 240 Plus

## Features

- Close system and open system is optional
- High efficient washing station for cuvettes
- Random access, continuous loading
- Incorporated with liquid level sensor, volume tracking, solid crash protection and clot detection
- 24 hours refrigeration system with separate switch
- Unlimited STAT position
- Diffraction grating filters with 16 standard filters in the range 340nm-800nm
- Automatic cuvette & water blank check
- Real-time reagent levels monitoring, displaying and alerting function
- Calibration options with 1 point linearity, 2 point linearity, multipoint linearity, Logistic-Log 4P, Logistic-Log 5P, Exponential 5P, Polynomial 5P, Parabola, Spline

## Specifications

Equipment type	Automatic discrete, unlimited STAT priority
Throughput	240 tests/hour
ISE	Optional (200 tests/hour)
Measuring principle	Endpoint, rate, fixed-time, kinetic, ISE technology
Sample volume	Biochemistry: 2.0 µL-35.0 µL; ISE: 90.0 µL
Sample handling	up to 90 sample positions, continuous loading
Reagent handling	up to 90 reagent positions, continuous loading, 24 hours refrigeration function with separate switch
Reagent volume	20 µL-350 µL
Reaction temperature	37.0 C ±0.2 C
Reagent bottle volume	20 mL, 50 mL
Reagent time	12 min/32 min
Wavelength	16 wavelengths, 340nm-800nm, 340nm, 380nm, 405nm, 450nm, 480nm, 505nm, 546nm, 570nm, 600nm, 630nm, 660nm, 700nm, 720nm, 750nm, 780nm, 800nm
Dispensing system	Sample-reagent probe with liquid level detection, liquid surface verification and clot detection
Mixing system	1 independent paddle stirrer
Dilution	Auto-dilution
Power supply	a.c.100V-240V, 50/60Hz
Reaction volume	100 µL-450 µL
Cuvette	80 optical plastic cuvettes, reusable, optical diameter is 5mm
Light source	20 W/12V, halogen lamp, 2000 H
Absorbance range	0 ABS-3.5 ABS
Water consumption	Maximum 3.0 L/h
Weight	68 Kg
Dimension	Length: 760 mm, Width: 500 mm, Height: 620 mm



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\* Specifications may be modified without notice. Please inquire Snibe representative for updates.

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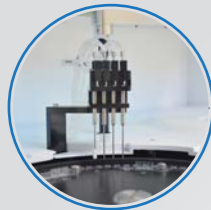
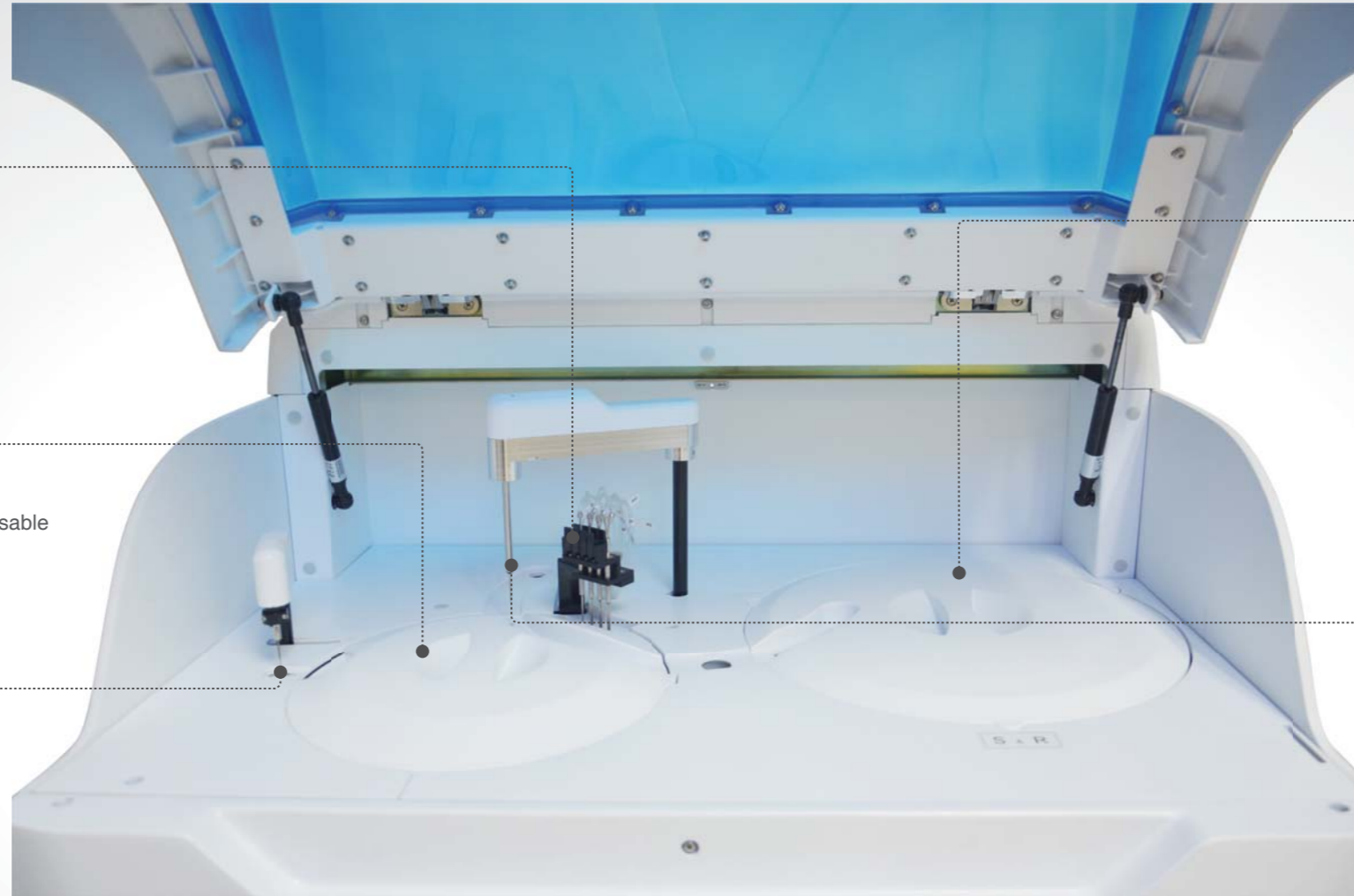


# Biossays 240 Plus

## Automatic Biochemistry Analyzer

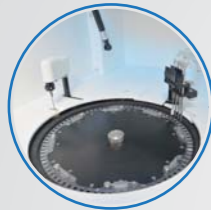


# Biossays 240 Plus



## Washer

- 4-step cuvette washing procedure
- Wash with pre-heated pure water and auto-diluted detergent
- Automated cuvette wash & cell blank



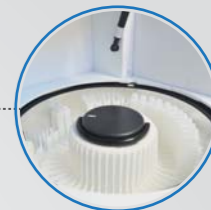
## Reaction Disk

- 80 reaction cuvettes, Optical plastic, Reusable
- 100  $\mu$ L minimum reaction volume
- Reaction time: 12 min, 32 min



## Mixer

- Mixer Wash with pre-heated water before mixing
- 1400 rpm high speed flat mixing bar
- Simple structure for maintenance



## Sample & Reagent Disk

- Up to 90 sample positions, continuous loading
- Supporting polytype primary tube & microcontainer cup
- Up to 90 reagent positions
- Continuously loading during measurement



## Sample & Reagent Probe

- 2.0  $\mu$ L - 35.0  $\mu$ L sample volume with stepping 0.1  $\mu$ L
- 20  $\mu$ L - 350  $\mu$ L reagent volume with stepping 1  $\mu$ L
- Anti-collision and self-recovery function
- Highly polished to prevent cross-contamination
- Liquid level detection and clot detection

## Test Menu



### Cardiac

CK  
CK-MB  
 $\alpha$ -HBDH  
LDH  
\*LDH1



### Pancreatic

$\alpha$ -AMY  
\*LIP



### Inorganic Ion

\*Fe (Iron)  
\*Ca  
\*P (phos)  
\*Mg



### Diabetes

GLU  
\*LAC  
\*HbA1c



### Hepatic

TBA  
ALT (SGPT)  
AST (SGOT)  
ALP  
GGT  
TBIL  
DBIL  
TP  
ALB

\*Ammonia  
\*PA  
\*CHE  
\*AFU



### ISE

Na  
K  
Cl  
Ca  
pH



### Lipids

HDL-C  
LDL-C  
TC  
TG  
ApoE  
Lp(a)  
Hcy  
\*ApoA1  
\*ApoB



### Renal

Cr (CREA)  
Uric Acid  
Urea  
\*Cysc  
\*mALB  
\* $\alpha$ 1-MG  
\* $\beta$ 2-MG



### Special Protein

\*ASO  
\*RF  
\*CRP (Full Range)  
\*UIBC  
\*Urine/CSF Protein  
\*G6PD  
\*IgA  
\*IgM  
\*IgG

\*C3  
\*C4  
\*ACP  
\*Transferrin