

# PBA-23

Semi-Auto Chemistry Analyzer



## Features and Benefits

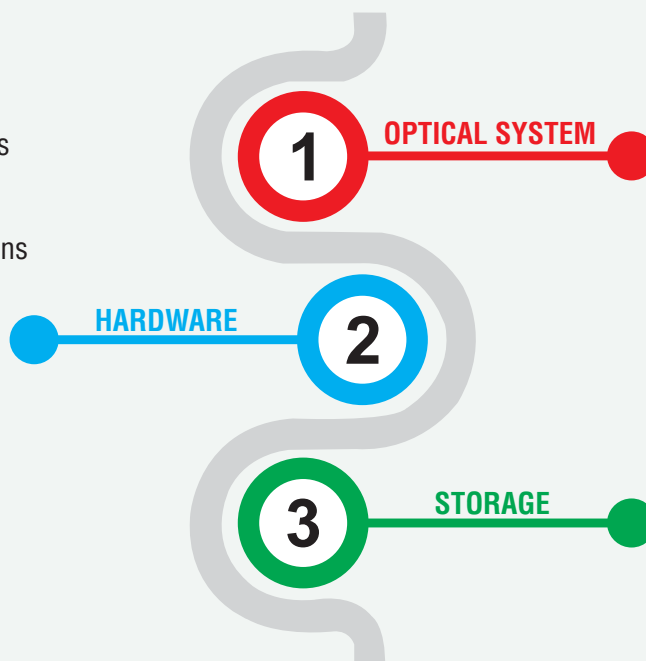
- Double Aspiration air gap after each sample prevents cross-contamination

- Builtin Incubator 8 Positions

- Builtin Thermal Printer

- Support bar code reader and external keyboard

- 7.0" TFT touch screen graphical display & pop-up keypad



- High quality Grating and closed optical system with 8 different wave length

- Exclusive wave length for HbA1C & Turbitometry

- Lamp on/off Saves Lamp Life

- Upto 300 different parameters

- 30,000 sample results storage with patient information

- QC L-J Graph & Memory

# PBA-23

## Semi-Auto Chemistry Analyzer

### PROFILES

Lipid	Renal	Diabetic (Hba1c)
Liver	Kidney	Turbidimetry (Aso, Crp, Rf)
Cardiac	Electrolytes	Master Health Checkup

### Parameters

ALT, AST, Alp, ACP, GGT, Alpha-HBDH, LDH, CK, Amy, TGL, Tcho, HDL-Cho, UA, Urea, Creatinine, Glucose, TP, Alb, T-Bil, D-Bil, TBA, HcO3-, Ca, Mg, Cl, Na, K, Apo A1, Apo B, Lp (a) C3, C4, IgG, IgA, IgM, HbA1c, HB, Phos, Micro albumin, Crp, Iron, Uibc, Ammonia etc.

### Analysis method

Endpoint, Fixed time / Two-Point, Kinetic, Multi standard, Bichromatic & absorbance - reagents blank / sample blank / water blank, Turbidimetry, linear and non-linear calibration.

Real time online reaction curve.

Bi-chromatic testing to avoid interference.

### Light Source

Tungsten-halogen lamp 6v/10w

Wavelength range

340nm, 405nm, 492nm, 510nm, 546nm, 578nm, 630nm and 700nm

Wavelength accuracy  $\pm 2$ nm.

### Photometric Range

0-4.0 ABS, Stability : <0.005A/Hr

### Flowcell

Quartz cell, optical path : 10mm

Measuring volume : 32uL

Aspiration volume programmable : 100-9999uL,

Recommended  $\geq 500$  uL

### Built-in Incubator

8 positions

### Input

7" Touch screen with pop-up keypad, barcode reader & keyboard

### Temperature Control

By means of peltier elements

Room temperature, 25°C, 30°C and 37°C

### Storage

upto 30,000 sample results & QC results.

300 different chemistry parameters.

### Printer

Built-in thermal printer, support parallel printer

### Interface

Ethernet port supporting data transmission

USB port (2.0), SDID, PS2.

### Operating Environment

Temperature : 10°C~32°C

Humidity : 40%-85%, No condensation

### Power Requirement

Wide power supply : AC 110-240V, 50 / 60Hz

### Dimension

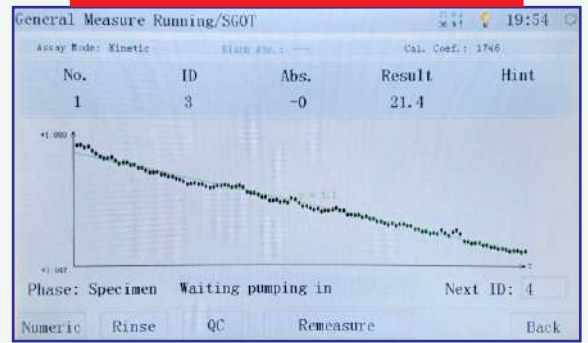
362.5x341x165mm (LxWxH)

### Weight

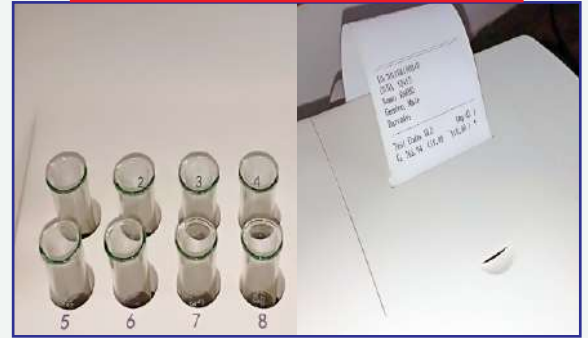
6.5 kg

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### Online Reaction Curve



### Built-in Incubator & Printer



### Patient Information

### 30,000 Sample Results Storage

No.	Code	ID	Result	Unit	Hint
1	SGOT	201808220001	26	IU/L	
2	GLU	201808180040	263.94	mg/dL	↑
3	GLU	201808180039	264.64	mg/dL	↑
4	GLU	201808180038	264.72	mg/dL	↑
5	GLU	201808180037	263.36	mg/dL	↑
6	GLU	201808180036	263.36	mg/dL	↑
7	GLU	201808180035	260.26	mg/dL	↑

### Upto 300 Different Parameters

1	ALT	2	r-GT	3	ALP	4	CHE
5	D-BIL	6	T-BIL	7	ALB	8	TP
9	UREA	10	BUN	11	Cr	12	UA
13	GLU	14	CHO	15	LDL-C	16	HDL-C
17	TG	18	Na	19	K	20	Cl

## PENTAGAN MEDICAL INSTRUMENTS

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