





PBA -23 Plus

Automatic Chemistry Analyzer

- One touch access to direct test selection
- Exclusive Optical filter for HbA1C & turbidometry
- 200 different parameter & 10,000 sample results storage with patient information

MICRO
ENTERPRISES

 No : 1/2 Palani Street , Perambur,
Chennai 600-011

 Mobile: +91 9940170690 | Telephone No:
+91 9840625271 | 044 25512709

 Email: micro.bjk@gmail.com



TEST PARAMETERS

HbA1c, Micro Albumin, Vitamin D, ASO, CRP, RF, Ammonia, PCT,

ALT, AST, ALP, ACP, GGT, Alpha-HBDH, LDH, CK, AMY, TGL, Tcho, HDL-Cho, U ACID, UREA, CREATININE, GLUCOSE, TP, ALB, T-BIL, D-BIL, TBA, HCO₃, Ca, Mg, Cl, Na, K, Apo AI, Apo B, Lp(a), C3, C4, IgG, IgA, IgM, HB, Phos, Iron, Uibc, etc

PROFILES

LIPID	RENAL	DIABETIC (Hba1c)
LIVER	KIDNEY	TURBIDIMETRY (Aso,Crp,RF)
CARDIAC	ELECTROLYTES	MASTER HEALTH CHECKUP

OPTIMISED OPTICAL DESIGN

High sensitivity measurements for kinetic and turbidimetric assays (RF,ASO,CRP ,etc)

ONE TOUCH ACCESS TO DEDICATED ASSAYS



48 direct access assays

LIGHT SOURCE



Halogen Quartz tungsten lamp
[6v,10watt]
Lamp life saving mode
[programmable sleep interval]
Unique Lamp life enhancing circuit .

ASPIRATION



High precision peristaltic pump
Non corrosive tubing ensures long life and accurate aspiration
Aspiration air gap and auto empty function after each sample run minima
l chances of carry over

PRINTABLE REAL TIME GRAPH



Real time graph is displayed on screen and can be printed

EASY MAINTENANCE

Self-diagnosis and system health reporting are an integral part of curloLab
Easily set Photometer gain and perform pump calibration.

SOFTWARE FEATURES

software is designed to simplify daily laboratory routines .It's simple and intuitive work flow enhances users efficiency and productivity .



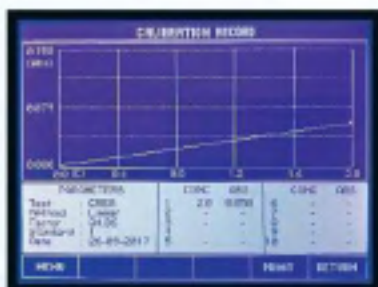
INTUITIVE USER INTERFACE

- Six informative screens control operations
- Easy navigation through submonus
- Requires minimal training



QUALITY CONTROL

- Mean , SD ,% CV and R calculatated for each assay
- Levey-Jennings control chat
- 3 Levels per assay
- Westguard rules



CALIBRATION

- Factor ,one-point,point to point and log-logit
- Non linear multi point calibration
- Up to 3 replicates per point
- Up to 10 calibration points



ERROR DETECTION

- Early detection and reparting of errors on screen
- saves time and avoids faulty test runs which saves reagents

ANALYSIS MODES

Absorbance	Kinetic with factor and linearity check
Immunaturbidimetry	End point with factor ,standard or multiple standards with or without reagent /sample blank
Bichromatic made	Fixed time with standard factor or multiple standard , with or without reagent blank .



ACP ALB	ALP AMY	Apo-A Apo-B	ASO BUN
Bi-D Bi-T	Ca CHOL	CK CK-MB	Cl CREA
CRP Fe	GGT GLU	GLB GLDH	Hb HbA1C
HBDH HCO ₃	HDL-c K	LDH LDL-c	Lp(a) LPS
Mg Na	NH ₃ PHOS	RF TBA	SGOT SGPT
TG TIBC	TP UREA	URIC Zn	μALB μPRO



- 7 Filters [340-670] plus free position .
- 32ul quarts flow cell .
- Peltier temperature control
- 4 temperature options
- flow cell and cuvette reading available .

- One touch access to dedicated assays .
- 48 Direct access to assays .

- Editable patient information .
- Query history of test .
- Print report by patient .
- powerful Oc management .
- L-J Oc chart
- Query history of Oc

TECHNICAL SPECIFICATION

Analysis method

Optical

Light source

Resolution

Photometric range

Stability

Carry over

Flow cell

Temperature control

Memory

Display

Printer

Interface

Power requirement

Dimension

Weight

End point, kinetics, 2 point , absorbance, multistandard

340,405,505,546,578,630 & 670nm extra filters are optional

6v/10w Halogen lamp

0.0001ABS

0.0000-3.0000ABS

<0.005ABS/hour

<0.5%

32ul

peltier control and room temperature

200 programs, 10,000 Results

5.7" LCD display

Buit-in thermal printer

1 Usb port:

Wide power supply :AC 100-249V,50/60hz

422 X 324 X 176 {L x W x H} mm .

6.5 Kg

OPTIONS



2 More Filters



Aspiration



Light source



Flash Disk