

**Product Code . JL-PALE-9841**

## Biochemistry Analyser Automatic



### Description

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#### Biochemistry Analyser Automatic

JLab Autochem plus is a touch screen based Auto Biochemistry analyzer with built in peristaltic pump and flow cell.

Touch activated graphic display makes it very convenient and user friendly stand alone system for all routine chemistries, enzymes, hormones and drug test.

Its advanced unique design of photometer and peristaltic pump assembly ensures long life and high precision.

#### Features:-

Effective temperature regulation system with Peltier controlled cuvette/flow cell block.

Dual reading mode.

Robust system with built in stabilizer.

Latest technology with battery back up for 250 test with QC, more than 2000 results.

Robust in built 20 Column Thermal printer with 384 stationery heads.

Unique circuitry for long lamp life.

reliable peristaltic pump with maintenance free operations.

Sophisticated software for kinetic graph with built in delta calculation for saturated(high) samples from graphic display without diluting and rerunning the samples.

patients ID entry.

Editing of saved tests.

Human machine user interface:- Touchpad and Keypad

Built in Incubator

Leverly jennings and standard deviation graphs.

### Technical Specifications:-

Human Machine Interface:	TOUCH PANEL / KEYpad	
Linear measurement range:	0.000 to 3.000 Absorbance Units(A)	
Photometric Accuracy:	±2% or 0.007 whichever is higher,from 0 to 1.5 A, ±3% from 1.5A to 3.0A	
Drift:	0.007A/hr.	
Photometric Linearity	2.2A	
Optical measurement	Photodiode	
Filters	Type of Filter:	interference
	Wave Length:	340,405,510,546,578 and 63
	Half Bandwidth:	10nm±2nm
	Filter Selection :	Automatic by Stepper motor
Flow cell		
	Sipping Volume :	300 to 100 µl
	Flow Cell Volume:	18µl
	Sipping mode:	Autometic by specially design
Cuvette Volume:	500µl	
Dry Block incubator:		
	Number of cuvettes:	12 Cuvettes
	Temperature:	37°C
	Method:	by Peltier effect
Temperature of Cuvette / flow cell Block:		
	Temperature:	25°C,30°Cand 37°C
Light Source:	Xenon Gas filled/ Tungsten Halogen	
Warm up time :	90 sec.	
Display :	5*Graphics LCD,Negative Blue, STN	
Printer:	Built in thermal printer	
Memory:	64 KB-Non volatile RAM with battery backup	
Storage Capacity :	250 open tests , with 30 QS results/test (Normal and abnormal controls) and 2000 Patient results with patient ID	
Analysis Mode:	Absorbance	
	End Point	

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	Fixed Time	
	Kinetic	
	Differential	
	Ratio	
Concentration Calculation:	By factor or by Standard	

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