

# i Spectroplus

Semi-automated Biochemistry Analyzer

*intelligent integration*



- Real time rate monitoring with instant reaction curve
- Carry over elimination.
- Integrated data in single interface.
- Self-startup check with power interruption protection.
- Specially designed software with convenient auto-analyzer features.
- Auto sleep mode to enhance lamp life time.
- Ergonomic operation with 7 "touchscreen, color graphical interface.
- Quality Control program with statistics and QC curve.
- Dilution calculation function.

# i Spectroplus

Semi-automated Biochemistry Analyzer

intelligent integration

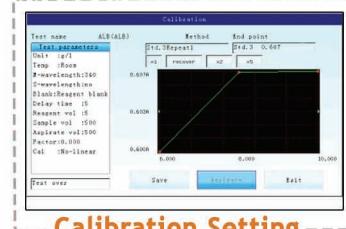


System function		Fixed-test		Test	
		Liver	Kidney		
		Lipids	CK enzymes		
		Iron	Electrolytes		
		Customize	Regular		

Programming

Parameter setting					
EDIT test	ALB	Note	End point	Name	ALB
UNIT	g/l	Reagent vol	100	Ref range	55,000
Temperature	room	Sample vol	100		
Wavelength	410	Aspirate vol	100	Factor	1,000
Sl wavelength	410	Delay time	0	Test Name	
Blank	Response b	Cal	Linear	Reagent	
			Linearity range	5,000	1,000

Parameter setting



Calibration Setting

## TECHNICAL SPECIFICATIONS

### Absorbance Range

-0.3 to 3.0 Abs

### Light Source

Quartz-halogen lamp 12V-20W.

### Wavelength

340,405,505,546,578,620 nm +2free filters using Reference wavelength

### Bandwidth

10nm

### Temperature Control

25°C, 30°C, 37°C, RT

### Accuracy

± 0.1°C

### Cell volume

30 µl Metal-Quartz Flow cell

### Testing mode

cuvette or Aspiration using adjustable peristaltic pump

### CV%

≤ 2.0 %

### Display

7" color LCD

### Interface

touch screen, keypad, external keyboard and mouse

### Printer

built in high speed thermal printer ,Ability to connect external printer

### Analytical Methods

Absorbance , Endpoint ( with standard or factor) Kinetic , Fixed-time , Linear and non-linear calibration up to 8 standard

500 test items and 10000 test results

standard RS 232 interface ,4 USB interface, Ethernet interface

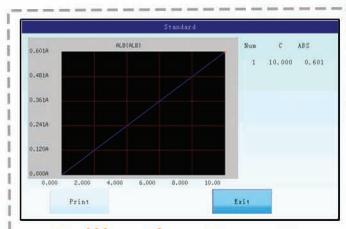
~10kg

410 (L) x 340 (W) x 150 (H) mm

### Dimensions

100-240 VAC , 50 HZ / 60 HZ

### Power supply



Calibration Curve

Control setting					
Edit test	ALB(ALB)	Control 1	Control 2		
Control 1	AVG [0.000]	AVG [0.000]	Min [0.000]	Min [0.000]	Batch No [ ]
	Max [0.000]	Max [0.000]	Batch No [ ]	Batch No [ ]	
	Ok	Cancel			

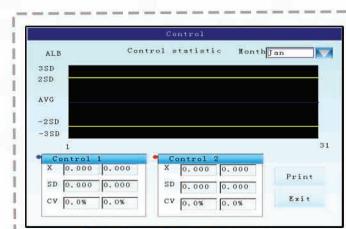
Control setting



Sample test

Report					
By patient Serial trans. By test History					
Hus	Name	Sex	Age	Dept	Submission
1	Lingling	Male	55		
2	Lily	Male	48		
3	WangMing	Female	66		
4	David	Male	72		
0	LIXUE	Male	49		
5	Xinglian	Male	38		
Pre Edit Add PAT ID Report					
Next	Del	[1]	General		
Print	Print all		Exit		

Report



Control statistic

Egyptian Company for biotechnology (S.A.E.)

Obour city - industrial area, block

20008 piece 19A - Cairo - Egypt.

Tel. 002 02 44892248

Fax. 002 02 44892247

[www.Spectrum-diagnostics.com](http://www.Spectrum-diagnostics.com)

E-mail:[info@Spectrum-diagnostics.com](mailto:info@Spectrum-diagnostics.com)

