

i Spectroplus

Semi-automated Biochemistry Analyzer

intelligent integration



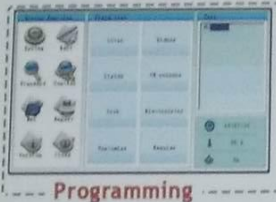
بيست لاب
للتجهيزات العملية

- › Real time 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.

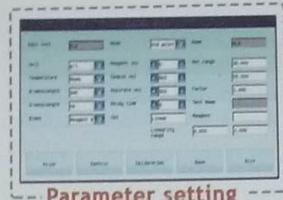
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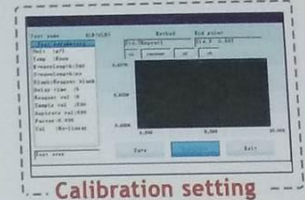
intelligent integration



Programming



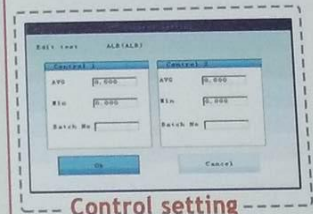
Parameter setting



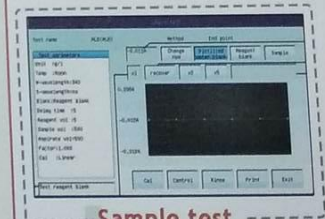
Calibration setting

TECHNICAL SPECIFICATIONS

Absorbance range	- 0.3 to 3.0 Abs
Light Source	Quartz-halogen lamp 12 V-20 W.
Wavelength	6 Filters (340,405,505,546,578,620 nm) with optional 2 filters Using secondary wavelength to eliminate optical interference
Bandwidth	10 nm
Temperature Control	25°C,30°C,37°C, RT (Peltier) ± 0.1 °C
Cell volume	30 µl metal-quartz flow cell
Measuring 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 to external printer
Analytical methods	Absorbance, Endpoint (with standard or factor) ,Kinetic , Fixed-time , linear and non-linear calibration up to 8 standards
Storage	500 test parameters and 10000 test results
Connectivity	Standard RS 232 interface , 4 USB interface, Ethernet interface
Weight	~10kg
Dimensions	410 (L) x 340 (W) x 150 (H) mm
Power supply	100-240 VAC , 50 HZ / 60 HZ

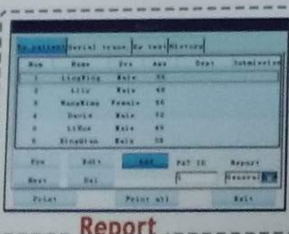


Control setting

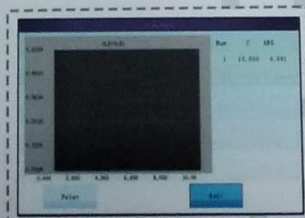


Sample test

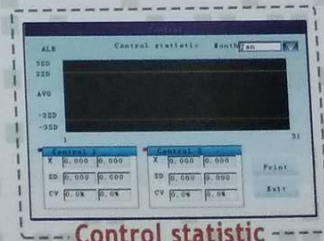
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Report



Calibration curve



Control statistic

Egyptian Company For Biotechnology (S.A.E.)
Obour city - industrial area, block 20008, piece 19A .
Cairo - Egypt.

01010860523
01115691983

