

i Spectroplus

Semi-automated Biochemistry Analyzer

intelligent integration

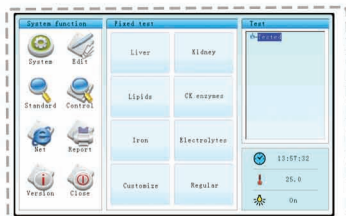


- ▶ Real time rate monitoring with instant reaction curve
- ▶ Carry over elimination.
- ▶ Integrated data in single interface.
- ▶ Self-startup check with power interruption protection.
- ▶ Specially designed software with convenient auto-analyzer features.
- ▶ Auto sleep mode to enhance lamp life time.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

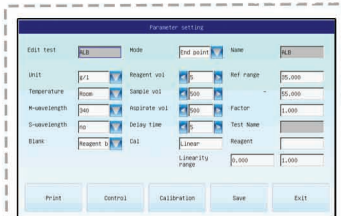
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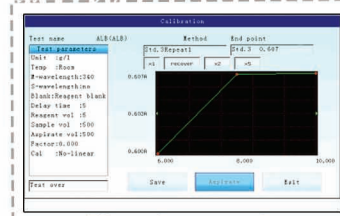
intelligent integration



Programming



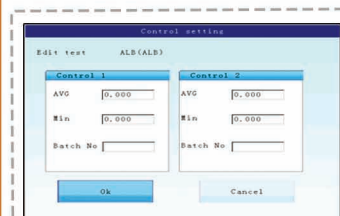
Parameter setting



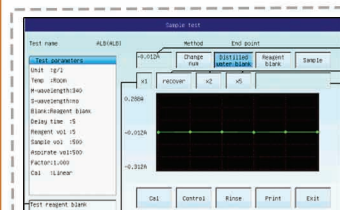
Calibration Setting

TECHNICAL SPECIFICATIONS

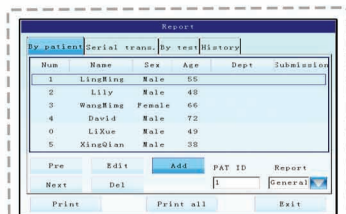
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|----------------------------|--|
| Absorbance Range | -0.3 to 3.0 Abs |
| Light Source | Quartz-halogen lamp 12V-20W. |
| Wavelength | 340,405,505,546,578,620 nm +2free filters using Reference wavelength |
| Bandwidth | 10nm |
| Temperature Control | 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 |
| Storage | 500 test items 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 |



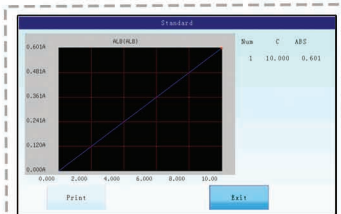
Control setting



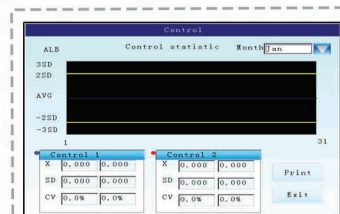
Sample test



Report



Calibration Curve



Control statistic

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