

CHEM S

Semi-auto Chemistry Analyzer



Features

- Easy Windows operation system with mouse, large color LCD display
- Reagent open system supports flow cell and cuvette mode, close system on request.
- Analytical modes include kinetic, fixed time, bichromatic end point with or without reagent blank or sample blank, linear or non-linear calibration
- Real-time curve monitoring enhances the reliability of result
- Large memory, up to 160 test protocols can be programmed
- Powerful QC function: Westguard Multi-rule, Levey Jennings plot,
- 2 controls per test
- Auto power-on self-check
- Additional lamp saving
- Multiform result output including patient comprehensive report
- Software optional for date management in PC
- Easy maintenance, no service engineers required to change lamp, tube etc



CHEM S

Semi-auto Chemistry Analyzer

Test Report			
General		Date: 28/10/2003	
Sample No: 03	Name: XXX	Sex: Male	Age: 28
Dept.: xx	Patient No: 003	Sender: XXX	
Test	Result	REF Range	
ALT	39.311U/L	0.00-40.00	
AST	110.239U/L	0.00-37.00	
TP	98.225 g/L	46.00-87.00	
ALB	52.055 g/L	38.00-44.00	



Reaction curve



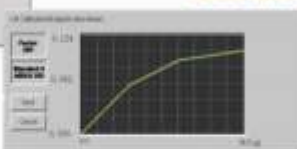
Programming



Test list

Test	Result
ALT	39.311
AST	110.239
TP	98.225
ALB	52.055

Calibration



Quality control



Patient data management

Patient No	Test	Result
003	ALT	39.311
003	AST	110.239
003	TP	98.225
003	ALB	52.055

Main Specifications

Photometric Range	-0.500-3.000Abs
Resolution	0.001Abs(displayed), 0.0001Abs(calculated)
Light Source	Halogen lamp, 6V/10W
Wavelengths	340,405,500,546,578,620,670nm, 1 more filter optional
Wavelength Accuracy	± 1nm
Band Width	8nm
Aspirate Volume	100-3000ul
Cross Contamination Rate	<0.1%
Memory	160 test protocols, minimum 1000 test result
Interface	RS-232, LAN Connector
Flow Cell	25 µl Metal-quartz flow cell
Cuvette Mode	12.5mmx12.5mm cuvette(optional)
Temperature Control	25°C, 30°C, 37°C, ±0.1°C
Display	6.5" Color LCD
Input	Mouse and optional external keyboard
Output	Built-in printer or external printer (optional), SD Card
Net Weight	8KG
Dimensions L×W×H (mm)	460 x 330 x 140
Power Supply	AC 110V-220V±10%, 50-60Hz