

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

RT-1904C

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

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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

Parameter	Value	Unit	Ref Range
Temp	37.0	°C	
Aspirate vol	100	μL	
Flow rate	1.0	mL/min	
Flow cell	12.5mm		
Flow cell	12.5mm		
Flow cell	12.5mm		

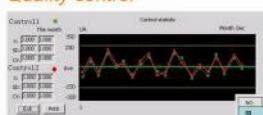
Test list

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Calibration



Quality control



Patient data management

No.	Name	Sex	Age	Dept.	Report
001	John	M	28	XXX	Print

Technical 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 500 test result
Interface	RS-232,PSTN (optional)
Flow cell	25μl Metal-quartz flow cell
Cuvette mode	12.5mmx12.5mm cuvette optional
Temperature control	25°C,30°C,37°C ±0.1°C
Display	7" color LCD
Input	External mouse and optional external keyboard
Output	Built-in printer or external printer (optional)
Net weight	8KG
Dimensions L × W × H (mm)	460 x 330 x 140
Power supply	AC 110V/220V±10%, 50/60Hz

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