

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

RT-9700

Semi-auto Chemistry Analyzer



Features

- 7" color LCD, touch-screen & keypad
- 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 75 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

Semi-auto Chemistry Analyzer

Test Report		
(General)		RT-9700
Sample No.:	Name:	Print date:
01	Jack	03/01/2017
	Sex: male	Age:28
Dept.: xx	Operator: Lina	
Test	Result	Normal Range
ALT	37.56U/L	0.00-40.00
AST	34.87U/L	0.00-37.00
TP	55.98g/L	46.00-87.00
*ALB	58.52g/L	38.00-44.00



Reaction Curve



Programming

ALT Test Parameter(End Point)

Unit	96%	Delay time(s)	>	Normal range	0.000
Temperature(°C)	37	Test time(s)	>	Factor	0.000
Main wave	S40	Sample vol	50	Linear range	0.000
Sub wave	No filter	Aspirate vol	500	Factor	0.000
Blank	Average	Aspirate vol	500	Linear range	0.000
Reagent blank	0.000	Calibration	Linear	Name	ALT

Control Calibration Change Mode Save Back

Test List

Fixed Test

12:03 Ambient

ABS	ALP	ACP	HDL-C	ALB
ALT	GGT	CK-MB	TRIG	UREA
AST	CK-NAC	TB	TBIL	CR
LDH-L	HDH	GLU	DBIL	UA
LDH-P	AMS	CHOL	TP	K

PgDn

Main

Calibration



Quality Control



Patient Data Management

Patient Record

No.	Name	Sex	Age	Dept.	Operator
1	Jack	male	30	xx	

Report
 General
 Input no. 3
☐ Select all

Add Update Setting Edit Delete Print Back

Technical Specifications

Photometric Range	0.000-2.500Abs
Resolution	0.001Abs(displayed), 0.0001Abs(calculated)
Light Source	Tungsten halogen lamp, 6V/10W
Wavelengths	340, 405, 500, 546, 578, 620, 670nm,
	1 more filter optional
Aspirate Volume	200~6000μL
Carryover	<1%
Memory	75 test protocols, maximum 10000 test result
Interface	RS-232,USB, LAN
Flow Cell	30μL quartz flow cell
Cuvette Mode	12.5mm*12.5mm cuvette optional
Temperature Control	25°C, 30°C, 37°C ±0.5°C and
	ambient temperature
Display	7" color LCD (800*480 pixels)
Input	Mouse and optional external keyboard
Output	Built-in printer or external printer (optional)
Net Weight	6.5Kg
Dimensions L × W × H (mm)	350×362×180
Power Supply	a.c.100V-240V, 50Hz/60Hz

Rayto Life and Analytical Sciences Co.,Ltd.

2nd Floor, 5th Building, Software Park, NO.2, Gaoxinzhong
3rd Road, High-tech Industrial Park, Nanshan,
Shenzhen 518057, P.R.China
Tel: +86(755)86168996 Fax: +86(755)86168796
Email: info@rayto.com

