

### Urine Analyzer RT-150



#### Products features

- » Compact size, low weight
- » Cold light source, high luminosity with long life and high stability
- » 5" large LCD display
- » Auto save data in case of power failure
- » Up to 1000 results can be stored
- » Built-in thermal printer
- » Easy connection with PC by RS-232
- » Easy accessible design enables USER-DIY maintenance



#### Strips for RT-150

- » 1 test items, high sensitivity
- » and specificity
- » Easy storage with special
- » package against humidity



#### Test Report

Sample No. 066

17:03:00 2011-09-29

|     |       |
|-----|-------|
| LEU | 2+    |
| BIL | 2+    |
| BLD | 2+    |
| URO | Norm. |
| KET | 1+    |
| GLU | 3+    |
| PRO | 3+    |
| PH  | 6     |
| NIT | 2+    |
| SG  | 1.010 |
| VC  | 1+    |

#### Specification:

|                           |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| Test Items                | Leukocytes, BILrubin, Occult Blood, UrobILInogen, Ketone, Glucose, Protein, PH, Nitrite, SG, VC |
| Throughput                | Standard mode, 60 samples/hour Fast mode, 120 samples/hour                                      |
| Display                   | 5" Large LCD                                                                                    |
| Memory                    | 1000 sample results                                                                             |
| Output                    | Built-in thermal printer                                                                        |
| Interface                 | RS-232 serial cable                                                                             |
| Power supply              | AC 100V-240V, 50Hz/60Hz                                                                         |
| Net Weight                | 2KG                                                                                             |
| Dimensions L x W x H (mm) | 185 X 260 X 157                                                                                 |

## Semi-auto Chemistry Analyzer RT-1904C

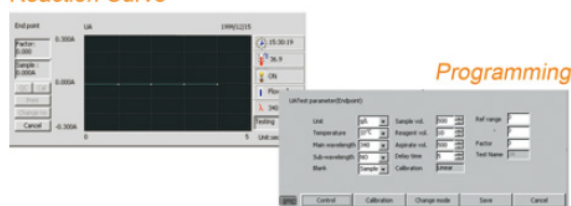


| Test Report   |                 |                  |         |
|---------------|-----------------|------------------|---------|
| General       |                 | Date: 28/10/2003 |         |
| Sample No: 03 | Name: XXX       | Sex: Male        | Age: 28 |
| Dept.: xx     | Patient No: 003 | Sender: 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      |         |

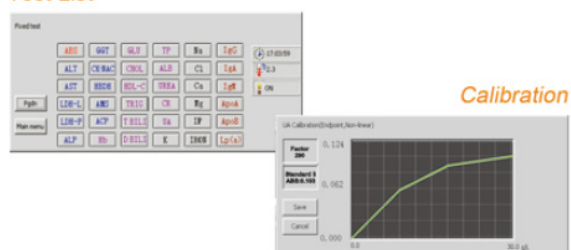
## Products features

- » 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 200 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 data management in PC
- » Easy maintenance, no service engineers required to change lamp, tube etc

### Reaction Curve



## Test List



### Quality Control



### Specification:

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Photometric Range         | -0.500-3.500Abs                                       |
| Resolution                | 0.001 Abs(displayed), 0.0001 Abs(calculated)          |
| Light Source              | Halogen lamp, 6V/10W                                  |
| Wavelengths               | 340,405,500,546,578,620,670nm, 1 more filter optional |
| Wavelength Accuracy       | ±2nm                                                  |
| Band Width                | ≤10nm                                                 |
| Aspirate Volume           | 100-3000ul                                            |
| Cross Contamination Rate  | <1 %                                                  |
| Memory                    | 200 test protocols, up to 3000 test results           |
| Interface                 | RS-232,PSTN (optional)                                |
| Cuvette Mode              | 12.5mmx12.5mm cuvette optional                        |
| Temperature Control       | 25 ℃ , 30 ℃ ,37 ℃ , ±0.5 ℃                            |
| Display                   | 7"color LCD                                           |
| Input                     | External mouse and optional external keyboard         |
| Output                    | Built-in printer or external printer (optional)       |
| Net Weight                | 8KG                                                   |
| Dimensions L x W x H (mm) | 460x330x190                                           |
| Power Supply              | AC 110V/220V ±10%, 50Hz/60Hz                          |

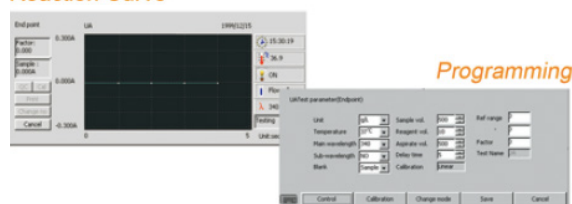
## Veterinary Chemistry Analyzer RT-1904CV

### Features:

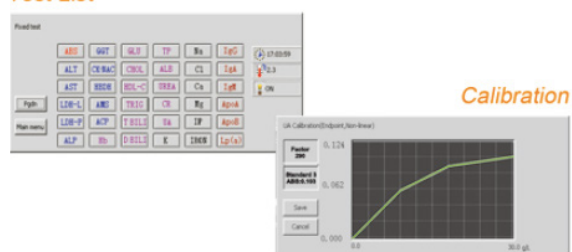
- » Easy Windows operation system with mouse, large color LCD display
- » Support up to 12 kinds of animal: 8 fixed, 4 open
- » Reagent open system supports flow cell and cuvette mode, close system on request.
- » Analytical modes include kinetic, fixed time, bichromatic end point with or without reagent blank or sample blank, linear or non-linear calibration curves
- » Real-time curve monitoring enhances the reliability of result.
- » Powerful QC function: Westgard Multi-rule, Levey Jenning plot, 2 controls per test
- » Auto self-check when power on
- » With lamp sleeping and wake-up function
- » Compact design enables USER-DIY maintenance
- » Multi-language software available on request



### Reaction Curve



### Test List



### Quality Control



### Specification:

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Principle           | Absorbance                                            |
| Photometric Range   | -0.500-3.500Abs                                       |
| Resolution          | 0.001Abs(displayed), 0.0001Abs(calculated)            |
| light Source        | Halogen lamp                                          |
| Wavelengths         | 340,405,500,546,578,620,670nm, 1 more filter optional |
| Wavelength Accuracy | ±2nm                                                  |
| Band Width          | 10nm                                                  |
| Carryover           | < 1 %                                                 |
| Memory              | 200 test parameters, up to 3000 sample results        |
| Interface           | RS-232 USB,SD card interface                          |
| Flow Cell           | 25ul Metal-quartz flow cell                           |
| Cuvette Mode        | 12 5mm*5mm cuvette optional                           |
| Temperature Control | 25℃ 30℃ ,37℃ ; ±0.5℃ and ambient temperature          |
| Display             | 7" color LCD(640*240 discernibility, 256 colors)      |
| Input               | USB mouse and external keyboard                       |
| Output              | Build-in printer or external printer(optional)        |
| Net Weight          | 8KG                                                   |
| Dimension L*W*H(mm) | 460*30*190                                            |
| Power Supply        | AC 110V/220V. 50Hz/60Hz                               |

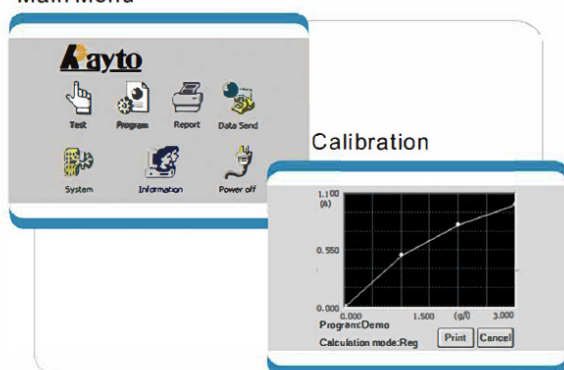
## Microplate Reader RT-2100C

### Feature:

- » Easy Windows operation software, with touch screen or mouse, Large LCD display
- » 8-channel optical fiber system enables 5 secs' reading for the whole plate
- » Bichromatic measurement, calculation modes include Absorbance, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, Power Regression, etc
- » Large memory storage up to 100 programs, 1000 patients data, 10000 sample records
- » Auto self-check when power on
- » With lamp sleeping and wake-up function
- » Random positive control and negative control setting
- » Multi-assay feature enables up to 12 different assays on one plate
- » Powerful QC function: Immediate, Elisa including Westguard Rules, Levey Jennings plot(optional)
- » Multiform result output including patient comprehensive report
- » Easy software upgrade by SD card, support USB mouse and keyboard
- » Ability to communicate with PC for data management (optional)

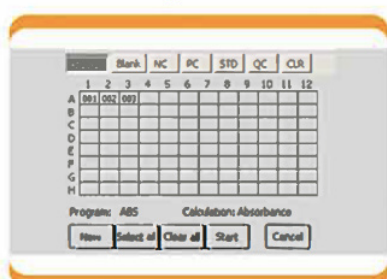


### Main Menu

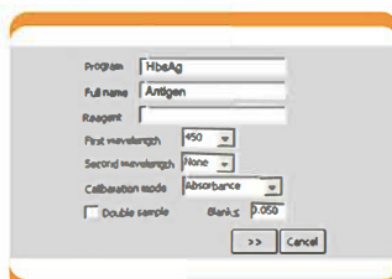


| Report           |             |             |             |           |                 |
|------------------|-------------|-------------|-------------|-----------|-----------------|
| Name: Susan      | Sex: Female | Age: 25     | Dept: xxx   |           |                 |
| Date: 20/10/2003 | Sample: 05  | Bed No: 006 | Sender: xxx |           |                 |
| Program          | Full name   | Result      | Unit        | Diagnosis | Reference range |
| HIV              |             | 0.163       | s/co        | Neg-      | (0.000-1.000)   |
| HbsAg            |             | 0.283       | s/co        | Neg-      | (0.000-1.000)   |
| HbsAb            |             | 0.634       | s/co        | Neg-      | (0.000-1.000)   |
| T3               |             | 3.374       |             |           |                 |
| Operator:        |             | Checker:    |             |           |                 |

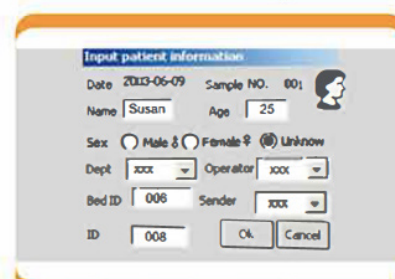
### Plate setting



### Programming



### Patient data setting



### Specification:

|                       |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Read-out Range        | 0-3 500Abs                                                                                              |
| Resolution            | 0.001Abs(displayed), 0.0001Abs(calculated)                                                              |
| Light Source          | Halogen lamp                                                                                            |
| Wavelengths           | 405,450,492,630nm, 4 more filters optional                                                              |
| Wavelength Accuracy   | 2.0nm                                                                                                   |
| Band Width            | <10nm                                                                                                   |
| Calculation Mode      | ABS, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, etc |
| Accuracy              | ±0.03A (0-2 000Abs)                                                                                     |
| Reading Speed         | 5 secs for 96 well plate (Single wavelength)                                                            |
| Shaking Plate         | Shaking time and speed adjustable                                                                       |
| Memory                | 100 programs, 1000 patients data and 10000 sample records                                               |
| Interface             | RS-232, USB, SD card interface                                                                          |
| Display               | Large LCD                                                                                               |
| Input                 | Touch screen, mouse or external keyboard                                                                |
| Output                | External printer(optional)                                                                              |
| Net Weight            | 8KG                                                                                                     |
| Dimensions LXWXH (mm) | 460X330X190                                                                                             |
| Power Requirement     | AC 110V-220V, 50/60Hz                                                                                   |

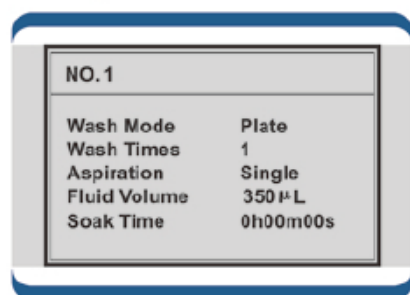
## Microplate washer RT-2600C

### Feature:

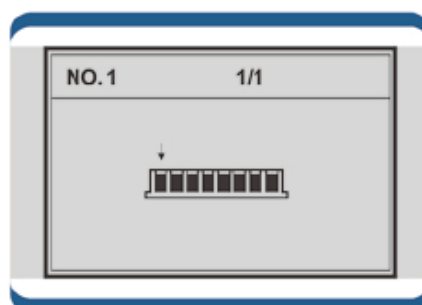
- » Easy Windows operation software, with touch screen or mouse, Large LCD display
- » 8-channel optical fiber system enables 5 secs' reading for the whole plate
- » Bichromatic measurement, calculation modes include Absorbance, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, Power Regression, etc
- » Large memory storage up to 100 programs, 1000 patients data, 10000 sample records
- » Auto self-check when power on
- » With lamp sleeping and wake-up function
- » Random positive control and negative control setting
- » Multi-assay feature enables up to 12 different assays on one plate
- » Powerful QC function: Immediate, Elisa including Westguard Rules, Levey Jennings plot(optional)
- » Multiform result output including patient comprehensive report
- » Easy software upgrade by SD card, support USB mouse and keyboard
- » Ability to communicate with PC for data management (optional)



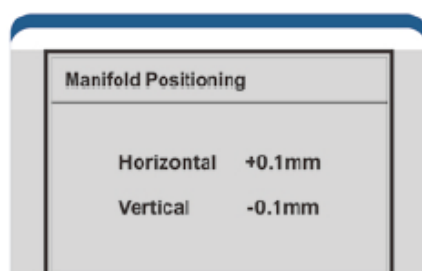
### Program interface



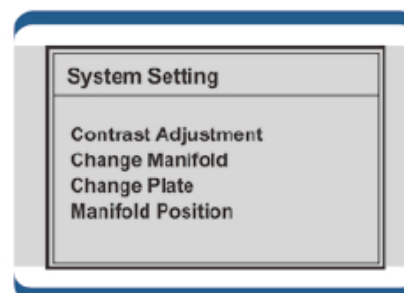
### Select strip to wash



### Manifold positioning



### System setting



### Specification:

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Plate Mode            | 96-or-48- well plate or strip                                |
| Dispense Precisor     | CV<2%                                                        |
| Residual Volume       | <3 ul                                                        |
| Washing Volume        | 50-3000ul for 8-way manifold , 50-2000ul for 12-way manifold |
| Washing Cycle         | Max,mum 99 cycles                                            |
| Strip Washing         | 1 to 12 channels adjustable                                  |
| Soaking Time          | 0-24 hr                                                      |
| Display               | 5"LCD                                                        |
| Bottle Capacity       | 2 litres each                                                |
| Memory                | 50 washing protocols                                         |
| Interface             | RS-232 serial port                                           |
| Net Weight            | 9KG                                                          |
| Dimensions LxWxH (mm) | 390x330x177                                                  |
| Power Supply          | a.c. 100V-240V, 50Hz/60Hz                                    |

## Microplate Washer RT-3100

### Feature:

- » User friendly operation system with large LCD display
- » Washes flat, U and V-bottom strips and plate
- » 12-way or 8-way manifold, automatic and manual positioning
- » Large memory, up to 100 wash protocols can be programmed
- » Multi-channel, 1 or up to 3 for wash, 1 for rinse and 1 for waste
- » Plate shaking function, time and speed are adjustable
- » Two 96-well plate incubation positions (optional)
- » Liquid level detection and alert function
- » Easy maintenance



Main screen of the system

|               |                |
|---------------|----------------|
| Version: 1.0  | SN: 1234567890 |
| Plate washing | Plate settings |
| ASPR/DISP     | Switch bottle  |
| PRIME         | Adv. settings  |
| RINSE         | Switch off     |

Plate washing parameters

| Program No.: 1             | Settings      |
|----------------------------|---------------|
| 1 (12-F) Plate             | 12-Pin 350uL  |
| 1#. 3Times                 | BW-N/BW-Y     |
| Single/Double              | Asp 2.0/3.0 s |
| Soak 10/15s                | Shk10/15s     |
| "START" to cont., "CANCEL" |               |

Plate washing status

|                |          |
|----------------|----------|
| Program No.: 1 | 1/3      |
| Strip No.: 8   |          |
| Position:      | ■■■■■■■■ |
| Dispensing...  | 80%      |

Advanced settings screen

|                         |
|-------------------------|
| Contrast ratio settings |
| Hang-up settings        |
| Stroke settings         |
| Incubator               |



Multi-channel design (optional)

- Switch automatically
- User programmable
- Avoid carry-over



Internal incubator (optional)

- Smart design
- Easy to use

### Specification:

|                                 |                                                               |
|---------------------------------|---------------------------------------------------------------|
| Plate Mode                      | 96-148-well plate or strip                                    |
| Residual Volume                 | <3μl                                                          |
| Washing Volume                  | 10~3000μl/well, 1μl by step                                   |
| Washing Cycle                   | Maximum 99 cycles                                             |
| Strip Washing                   | 1 to 12 strips programmable                                   |
| Soaking Time                    | 0~24hours                                                     |
| Display                         | Large LCD                                                     |
| Wash Channels                   | 5 channels. 1 or up to 3 for wash, 1 forrinse and 1 for waste |
| Memory                          | 99 washing protocols                                          |
| Interface                       | RS-232                                                        |
| Power Supply                    | a.c.11 OV-220V,50Hz                                           |
| Net Weight                      | 13 Kg                                                         |
| Dimension                       | 450MM*90MM*190MM                                              |
| Incubator Temperature(optional) | 25℃ ,30℃ ,37℃                                                 |

## Microplate Washer RT-3900

### Feature:

- » 96-way manifold, automatic and manual positioning
- » Multi-channel, 3 for wash, 1 for rinse and 1 for waste
- » Plate shaking function, time and speed are adjustable
- » User friendly operation system with large LCD display
- » Washes flat, U and V-bottom strips and plate
- » Large memory, up to 100 wash protocols can be programmed
- » Liquid level detection and alert function
- » Easy maintenance



### Plate washing parameters

| Program No.: 1                 | Settings     | I     |
|--------------------------------|--------------|-------|
| 1(F)                           | 1 plate      | 350uL |
| 3 times                        | BW-N/BW-Y    |       |
| Single/Double                  | Asp 2.0/3.0s |       |
| Soak 10/15s                    | Shk.10/15s   |       |
| "ENTER" to cont. "ESC" to exit |              |       |

### Plate washing status

|                                 |     |
|---------------------------------|-----|
| Plate Washing(1#) Finishing:Non | 1/3 |
|                                 |     |
| Pos. A Dispensing....           | 80% |

### Advanced settings screen

Contrast ratio settings  
Disp. comp. factor settings  
Stand by settings  
Pump-related settings  
Wash head position



#### Multi-channel design

- Switch automatically
- User programmable
- Avoid carry-over



#### 96-way manifold

- Smart design
- Easy to use

### Specification:

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Plate Mode          | 96-well plate or strip                              |
| Residual Volume     | <1μl                                                |
| Washing Volume      | 50-3000μl/well, 10/50μl continuously adjustable     |
| Washing Cycle       | Up to 99 cycles                                     |
| Strip Washing       | Wash 2 plates at a time, 1-8 strips programmable    |
| Soaking Time        | 0~24hours                                           |
| Display             | Large LCD                                           |
| Wash Channels       | 5 channels, 3 for wash, 1 for rinse and 1 for waste |
| Memory              | 100 washing protocols & 10 plate protocols          |
| Interface           | RS-232                                              |
| Power requirement   | AC 110/220V±10%, 50±1 HZ                            |
| Net Weight          | 23.8 Kg                                             |
| Dimension LxWxH(mm) | 610x46x240                                          |

## Microplate Reader RT-6100



### Feature:

- » PC controlled system, Windows XP
- » 8-channel optical fiber system enables 6 secs' reading for 96-well plate
- » Calculation modes include ABS, Cut-Off, Single standard Curve, Multi-percent Linear, Log, Exponential, Power and 4PL regression etc
- » Up to 12 different tests can be performed in one plate
- » Powerful laboratory management software stores up to 100 programs and 100,000 results
- » Powerful QC programs including Westguard Multi-rule and Instant method, automatic alarm
- » Multiform test reports output
- » Lamp saving and plate shaking
- » Save data automatically when power off unexpectedly
- » Compatible with all popular external printers
- » Powerful internet connection enables remote data sharing and OS update
- » Multi-language software available on request

### Plate Setting

### Programming

### Calibration

### Report

|                       |              |                      |               |           |                 |
|-----------------------|--------------|----------------------|---------------|-----------|-----------------|
| Name:John             | Sex:male     | Age:25               | Sample NO:005 |           |                 |
| Medical NO: xxx       | Section: xxx | Area: xxx            | Sender:Lisa   |           |                 |
| Bed NO:008            | Diagnosis:   | Send date:20/10/2006 |               |           |                 |
| Program               | Full name    | Result               | Unit          | Neg/Pos   | Reference range |
| HbsAg                 |              | 0.168                | s/cov.        | Neg-      | 0.000-1.000     |
| HbsAb                 |              | 0.568                | s/cov.        | Neg-      | 0.000-1.000     |
| HIV                   |              | 0.685                | s/cov.        | Neg-      | 0.000-1.000     |
| HCV                   |              | 1.259                | s/cov.        | Pos+      | 0.000-1.000     |
| Print date:20/10/2006 |              | Test date:20/10/2006 |               | Operator: | Checker:        |

### Specification:

|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Absorbance Range     | 0- 4.000 Abs                                                                                                |
| Resolution           | 0.001Abs(displayed), 0.0001Abs(calculated)                                                                  |
| Accuracy             | ±0.003Abs                                                                                                   |
| Type of Microplate   | Standard with 96-well or other kind of microplate and strip                                                 |
| Optic System         | 8-channel optic fiber system                                                                                |
| Light Source         | Halogen lamp, 6.5V/19W                                                                                      |
| Wavelengths          | 405, 450, 492, 630nm, 4 more filters optional                                                               |
| Wavelength Accuracy  | ±2nm                                                                                                        |
| Band Width           | <8nm                                                                                                        |
| Methodologies        | End Point, fixed time, Kinetic                                                                              |
| Calculation Method   | ABS, Cut-Off, Single Standard Curve, Multi-Percent, Percent Log, Linear, Exponential, Power, 4PL Regression |
| Reading Speed        | 6 seconds for 96 well plate(single wavelength)                                                              |
| Shaking plate        | Shaking time and speed adjustable                                                                           |
| Operation            | PC operation, bidirectional communications                                                                  |
| Memory               | More than 100 programs, up to 100,000 test results                                                          |
| Printer              | All printers compatible with Windows                                                                        |
| Interface            | RS-232                                                                                                      |
| Language             | English or any language on request                                                                          |
| Power supply         | AC 100V-240V, 50Hz/60Hz                                                                                     |
| Net weight           | 6.2KG                                                                                                       |
| Dimensions LxWxH(mm) | 454 X 295 X 146                                                                                             |

## Microplate Reader RT-6500

### Feature:

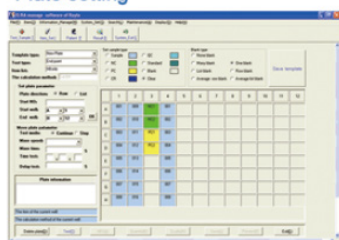
- » UV wavelength available including 340nm
- » End Point, Fixed time, Kinetic
- » Temperature control(optional), incubation time and temperature adjustable
- » PC controlled system, Windows XP
- » 8-channel optical fiber system enables 6 secs' reading for the whole plate
- » More than 500 programs and minimum 100,000 results can be stored
- » Powerful QC programs including Westguard Multi-rule and Instant method, automatic alarm
- » Calculation modes include ABS, Cut-Off, Single standard Curve, Multi-percent Linear, Log, Exponential, Power and 4PL regression.etc
- » Auto self-check when power on, with lamp saving and plate shaking
- » Random positive and negative control setting
- » Multi-assay enables up to 12 different assays on one plate



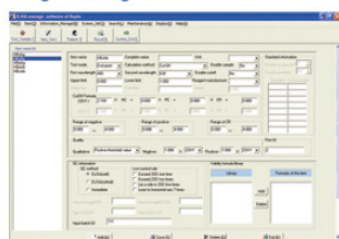
| Report                                                        |              |           |                      |         |                 |
|---------------------------------------------------------------|--------------|-----------|----------------------|---------|-----------------|
| Name:John                                                     | Sex:male     | Age:25    | Sample NO:005        |         |                 |
| Medical NO: xxx                                               | Section: xxx | Area: xxx | Sender:Lisa          |         |                 |
| Bed NO:008                                                    | Diagnosis:   |           | Send date:20/10/2006 |         |                 |
| Program                                                       | Full name    | Result    | Unit                 | Neg/Pos | Reference range |
| HbsAg                                                         |              | 0.168     | s/cov.               | Neg-    | 0.000-1.000     |
| HbsAb                                                         |              | 0.568     | s/cov.               | Neg-    | 0.000-1.000     |
| HIV                                                           |              | 0.685     | s/cov.               | Neg-    | 0.000-1.000     |
| HCV                                                           |              | 1.259     | s/cov.               | Pos+    | 0.000-1.000     |
| ALT                                                           |              | 5.000     | u/l                  | Neg-    | 8-40            |
| Print date:20/10/2006 Test date:20/10/2006 Operator: Checker: |              |           |                      |         |                 |



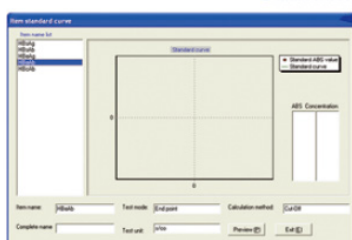
### Plate setting



### Programming



### Calibration



### Specification:

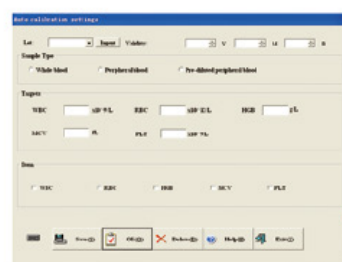
|                      |                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Absorbance Range     | 0.000-4.000Abs                                                                                                  |
| Resolution           | 0.001Abs(displayed),0.0001 Abs(calculated)                                                                      |
| Wavelengths          | 340,405, 450, 492, 630nm, 3 more filters optional                                                               |
| Wavelength Accuracy  | ±2nm                                                                                                            |
| Band Width           | <8nm                                                                                                            |
| Methodologies        | End Point, Fixed time, Kinetic                                                                                  |
| Calculation Method   | ABS, Cut-Off, Single Standard, Curve, Multi-Percent, Percent Log, Linear, Exponential,Log.Power, 4PL Regression |
| Reading Speed        | 6 seconds for 96 well plate (Single wavelength)                                                                 |
| Shaking Plate        | Shaking time and speed adjustable                                                                               |
| Plate Incubation     | Ambient temperature+4 ~ 45℃ . adjustable                                                                        |
| Optic System         | 8-channel optic fiber system                                                                                    |
| Light Source         | Halogen lamp                                                                                                    |
| Operation            | PC operation, brectional com mu nicat'ions                                                                      |
| Memory               | More than 500 programs, up to 100,000 test results                                                              |
| Printer              | All printers compatible with Windows                                                                            |
| interface            | RS-232                                                                                                          |
| Power Requirement    | AC 100V-240V,50Hz/60Hz                                                                                          |
| Net weight           | 9KG                                                                                                             |
| Dimensions LxWxH(mm) | 186x40x220                                                                                                      |

## Auto Hematology Analyzer RT-7200



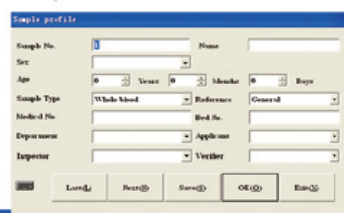
### Feature:

- » 20 parameters+3 histograms
- » 3-part differentiation of WBC
- » 2 Counting mode: whole blood and prediluted
- » Throughput: Up to 30 samples per hour
- » 8.0" TFT color LCD with mouse operation
- » Built-in thermal printer, optional external printer
- » External AC adapter avoids electronic noises, enhancing accuracy
- » Up to 30000 sample results (including histograms) can be stored
- » Multi-language software available on request



Auto Calibration

### Sample Profile



L-J QC Setting



### Sample Test



Manual Calibration



### Specification:

|                       |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parameters            | WBC, LYM#, MON#, GRA#, L YMo/o, MON%,GRA%, RBC, HGB, MCHC, MCH, MCV, HCT, RDW-CV, RDW-SD, PL T, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PL T |
| Principle             | Electrical resistance for counting WBC, RBC and PL T                                                                                                      |
| Sample Volume         | Prediluted:20μL; Whole Blood:9.8μL                                                                                                                        |
| Throughput            | Up to 30 samples per hour                                                                                                                                 |
| Display               | 8.0" TFT color LCD with mouse operation                                                                                                                   |
| Alarms                | Error messages                                                                                                                                            |
| Input/Output          | RS-232, USB, LAN, keyboard and mouse interface                                                                                                            |
| Printout              | Thermal recorder, 55mm width paper, various printout formats, external printer optional                                                                   |
| Operating Environment | Temperature: 15℃ -35℃ ; Humidity:≤80%                                                                                                                     |
| Power Requirement     | a.c.100-240V, 50-60±1Hz                                                                                                                                   |
| Dimension             | LxWxH(mm):468x325x395                                                                                                                                     |
| Weight                | 16.5Kg                                                                                                                                                    |

# Auto Hematology Analyzer RT-7600



## Feature:

- » 20 parameters+3 histograms
- » 3-part differentiation of WBC
- » 2 counting modes: whole blood and prediluted
- » 60 samples per hour
- » 10.4" TFT colorful LCD with touch screen
- » Built-in thermal printer, optional external printer
- » External AC adapter avoids electronic noises, enhancing accuracy
- » Up to 50000 sample results (including histograms) can be stored
- » Multi-language software available on request
- » Original factory's blood control and calibrator



Sample Test

Auto Calibration Setting

Manual Calibration

L-J QC Setting

Profile

## Specification:

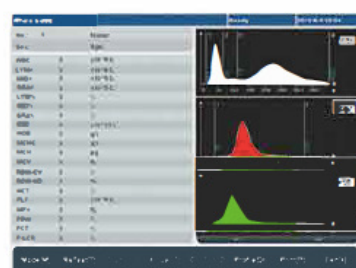
|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Parameters            | WBC, LYMP#, MID#, GRA#, LYMP%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD,   |
|                       | HCT, PLT, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PLT                     |
| Principle             | Electrical resistance lex counting WBC, RBC and PLT                                    |
| Sample Volume         | Prediluted:20μL; Whole Blood:9.8μL                                                     |
| Throughput            | 60 samples per hour                                                                    |
| Display               | 10.4" TFT color LCD with touch screen                                                  |
| Alarms                | Error messages                                                                         |
| Input/Output          | RS-232, USB, LAN, keyboard and mouse interface                                         |
| Printout              | Thermal printer, 55mm width paper, various printout formats, external printer optional |
| Operating Environment | Temperature: 15℃ -35℃ ; Humidity:≤80%                                                  |
| Power Requirement     | AC 110V-220V, 50/60Hz                                                                  |
| Dimension             | LxWxH(mm):436x363x367                                                                  |
| Weight                | 18Kg                                                                                   |

## Auto Hematology Analyzer RT-7600s



### Feature:

- » 20 parameters+3 histograms
- » 3-part differentiation of WBC
- » 2 counting mode: whole blood and prediluted
- » Up to 60 samples per hour
- » Color LCD with mouse/keyboard operation
- » Built-in thermal printer, external printer optional
- » External AC adapter avoids electronic noises, enhancing accuracy
- » Up to 35000 sample results (including histograms) can be stored
- » Multi-language software available on request
- » Original factory's blood control and calibrator

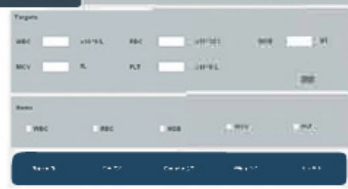


Sample Test

### Manual Calibration



### Profile



Auto Calibration Setting



Targets Limits

### Specification:

|                       |                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parameters            | WBC, LYMPH, MID#, GRA#, LYMPH%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD, HCT, PL T, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PL T |
| Principle             | Electrical resistance for counting WBC, RBC and PL T                                                                                                       |
| Sample Volume         | Prediluted 20μL, Whole Blood 9.8μL                                                                                                                         |
| Throughput            | Up to 60 samples per hour                                                                                                                                  |
| Display               | 8" color LCD                                                                                                                                               |
| Alarms                | Error messages                                                                                                                                             |
| Input/Output          | RS-232, USB, LAN, keyboard and mouse interface                                                                                                             |
| Printout              | Built-in thermal printer, external printer optional                                                                                                        |
| Operating Environment | Temperature: 15°C ~35°C ; Humidity: 10%-90%                                                                                                                |
| Power Requirement     | a.c. 110V-220V, 50Hz/60Hz                                                                                                                                  |
| Dimension             | LxWxH(mm): 436*363*367                                                                                                                                     |
| Weight                | 18Kg                                                                                                                                                       |

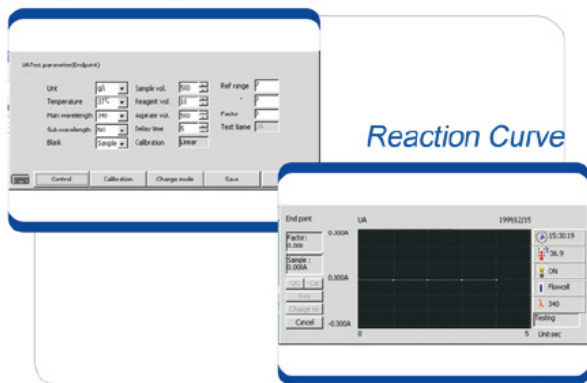
## Auto Hematology Analyzer RT-9000



### Feature:

- » Easy Windows operation system with mouse & built-in keyboard, large color LCD
- » 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 test result
- » Large memory, up to 200 test protocols can be programmed
- » Powerful QC function: Westgard Multi-rule, Levey Jennings plot, 2 controls per test
- » Auto power on self-check
- » With lamp saving and waking-up function
- » Multiform result output including patient comprehensive report
- » Compact design enables USER-DIY maintenance
- » Multi-language software available, different OEM requirements welcome

### Programming



Keypad



RT-A19 Incubator (optional)

### Specification:

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Photometric Range    | -0.500~3.500Abs                                            |
| Resolution           | 0.001Abs (displayed), 0.0001Abs (calculated)               |
| Light Source         | Halogen lamp                                               |
| Wavelengths          | 340,405, 500, 546, 578, 620, 670nm, 1 more filter optional |
| Band Width           | ≤10nm                                                      |
| Aspirate Volume      | 400μL ~ 3000μL                                             |
| Memory               | Around 200 test protocols and up to 3000 test results      |
| Interface            | RS-232, USB, SD card interface                             |
| Mode                 | Metal-quartz flow cell and cuvette optional                |
| Temperature Control  | 25℃, 30℃, 37℃; ±0.5℃                                       |
| Display              | Large color LCD                                            |
| Input                | USB mouse, built-in keyboard or external USB keyboard      |
| Output               | Build-in printer or external printer (optional)            |
| Power Supply         | AC 110V/220V±10%, 50HZ/60Hz                                |
| Net Weight           | 8kg                                                        |
| Dimensions LxWxH(mm) | 350x330x165                                                |

### Test Report

| General       |                 | Print date: 28/6/2009 |         |
|---------------|-----------------|-----------------------|---------|
| Sample No: 03 | Name: Jack      | Sex: Male             | Age: 30 |
| Dept: xxx     | Patient No: 003 | Sender: xxx           |         |
| Test          | Result          | Reference 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           |         |

### Semi-auto Chemistry Analyzer RT-9200



#### Feature:

- » Easy keypad operation with LCD display
- » Wavelengths range is 330-800nm, 5 standard filters, 3 more filters optional
- » 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 curves
- » Up to 60 programs and 2200 test results can be stored
- » Excellent QC function, 2 controls per test
- » Internal thermal-sensitive printer
- » Compact design enables USER-DIY maintenance
- » Multi-language software available on request

#### Test Report

Item Name: ALT      Sample No:1  
 From:2006-12-15      To:2006-12-30  
 Date:2006-12-31

| No | Item | Result  | Remark |
|----|------|---------|--------|
| 1  | ALT  | 132.098 | H      |
| 2  | ALT  | 103.213 | --     |
| 3  | ALT  | 50.098  | L      |

#### Flow Cell



#### Cuvette(optional)



#### Keypad



#### Internal printer



#### RT-A19 Incubator (optional)

#### Specification:

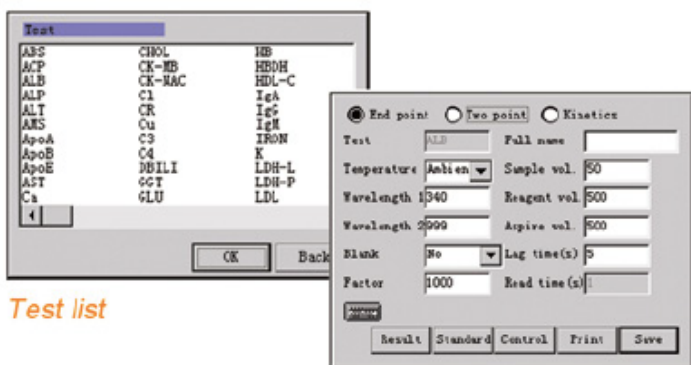
|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| Absorbance Range         | -0.500~3.500Abs                                                 |
| Resolution               | 0.001Abs (displayed), 0.0001Abs (calculated)                    |
| Light Source             | Halogen lamp                                                    |
| Wavelengths              | 340 405 500 546 620nm, 3 more filters optional                  |
| Wavelength Accuracy      | ±2nm                                                            |
| Band Width               | ≤10nm                                                           |
| Cross Contamination Rate | ≤ 1%                                                            |
| Interface                | RS-232 serial cable                                             |
| Flow Cell                | Metal - quartz flow cell                                        |
| Temperature Control      | 25 ℃ , 30 ℃ , 37 ℃ ; ±0.5 ℃ and ambient temperature LCD display |
| Display                  | LCD display                                                     |
| Output                   | Internal printer                                                |
| Power Supply             | AC 110V/220V±10%, 50HZ/60Hz                                     |
| Net Weight               | 7kg                                                             |
| Dimensions LxWxH(mm)     | 360 x 318 x 160                                                 |

## Semi-auto Chemistry Analyzer RT-9600



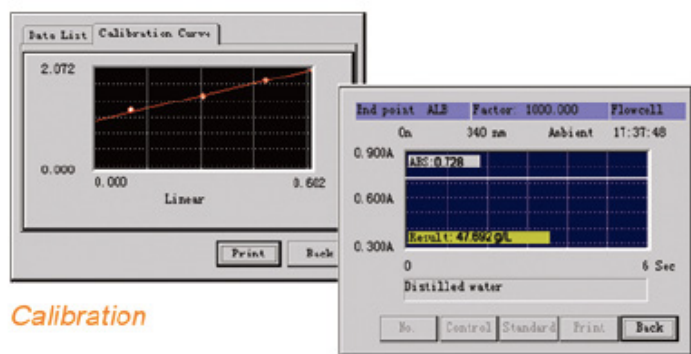
### Feature:

- » Easy Windows operation system with large touch-screen
- » Displays the reaction curve in real-time
- » Continuously wavelength adjustable grating, enhances the stability and reliability
- » 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
- » Large memory, up to 200 test protocols and 10000 results can be stored
- » Powerful QC program: Westgard multi-rule, Levey-Jennings plots, 2 controls per test
- » Multifunction result output including patient comprehensive report
- » Multi-interface support RS-232, VGA, USB, SD and Ethernet
- » Easy communication with PC
- » Compact design enables USER-DIY maintenance
- » Multi-language software available on request



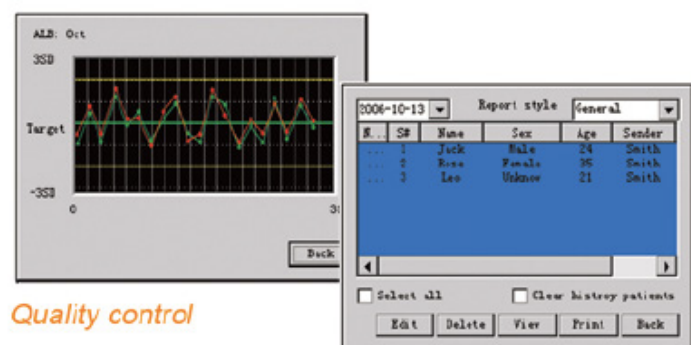
Test list

Programming



Calibration

Reaction curve



Quality control

Patient data management

### Specification:

|                          |                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------|
| Absorbance Range         | -0.500~3.500Abs                                                                        |
| Resolution               | 0.001Abs (displayed), 0.0001Abs (calculated)                                           |
| Light Source             | Halogen lamp, 12V/20W                                                                  |
| Wavelengths              | Continuously adjusted grating, wavelength range is 330 - 800nm, 1nm by step adjustment |
| Wavelength Accuracy      | ±1nm                                                                                   |
| Band Width               | < 6nm                                                                                  |
| Flow Cell                | Metal -quartz flow cell                                                                |
| Temperature Control      | 25 °C, 30 °C, 37 °C ; ±0.1 °C and ambient temperature                                  |
| Cross Contamination Rate | < 1%                                                                                   |
| Memory                   | 200 test protocols, up to 10000 test results, support SD to expand memory              |
| Display                  | 6.4" color/mono LCD                                                                    |
| Output                   | Built-in printer or external printer                                                   |
| Input                    | Touch screen, mouse and keyboard optional                                              |
| Interface                | RS-232, support VGA, 2 USB, SD, Ethernet                                               |
| Language                 | English or any language on request                                                     |
| Power Supply             | AC 110V/220V±10%, 50/60Hz                                                              |
| Net Weight               | 10KG                                                                                   |
| Dimensions LxWxH(mm)     | 370 x 284 x 318                                                                        |



RT-A19 Incubator (optional)

Semi-auto Chemistry Analyzer RT-9600



Test Report

|                       |           |                      |      |           |                 |                      |  |
|-----------------------|-----------|----------------------|------|-----------|-----------------|----------------------|--|
| Name:Rose             |           | Sex:Female           |      | Age:35    |                 | Sample NO:002        |  |
| Medical NO: xxx       |           | Section: xxx         |      | Area: xxx |                 | Sender:Smith         |  |
| Bed NO:010            |           | Diagnosis:           |      |           |                 | Send date:14/10/2006 |  |
| Program               | Full name | Result               | Unit | Diagnosis | Reference range |                      |  |
| ALT                   | ALT       | 25.426               | U/L  | -         | 0.00-40.00      |                      |  |
| AST                   | AST       | 30.109               | U/L  | -         | 0.00-40.00      |                      |  |
| TP                    | TP        | 95.768               | g/L  | ↑         | 46.00-87.00     |                      |  |
| TBIL                  | TBIL      | 1.342                | mg/L | ↑         | 0.10- 1.10      |                      |  |
| Print date:14/10/2006 |           | Test date:14/10/2006 |      | Operator: |                 | Checker:             |  |
| Note:                 |           |                      |      |           |                 |                      |  |

## Semi-auto Chemistry Analyzer RT-9700



### Feature:

- » 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: Westgard Multi-rule, Levey Jennings plot, 2 controls per test
- » Auto power-on self-check
- » Additional lamp saving
- » Multiform result output including patient comprehensive report

### Reaction Curve



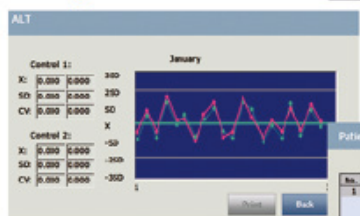
### Program

### Test List

### Calibration



### Quality Control



### Patient Data Management

| Test Report  |                        |              |         |
|--------------|------------------------|--------------|---------|
|              |                        |              | RT-9700 |
| (General)    | Print date: 03/01/2017 |              |         |
| Sample No.:1 | Name: Jack             | 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  |         |

### Specification:

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Photometric Range    | 0.000-2.500Abs                                   |
| Resolution           | 0.001 Abs(displayed), 0.0001 Abs(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 ℃, 30 ℃, 37 ℃; ±0.5 ℃ 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                                            |
| Power Supply         | a.c.100V-240V, 50Hz/60Hz                         |
| Dimensions LxWxH(mm) | 350x362x180                                      |

## Semi-auto Chemistry Analyzer RT-9900



### Feature:

- » Easy keypad operation with LCD display
- » Continuously adjustable grating, enhances the stability and reliability of result
- » 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
- » Powerful QC program: Westguard multi-rule, Levey-Jennings plots, 2 controls per test
- » Large memory, up to 204 protocols and 5400 results can be stored
- » Lamp saving feature
- » Ability to communicate with PC for data management (optional)
- » Compact design enables USER-DIY maintenance
- » Multi-language software available on request



Internal printer



Keypad



RT-A19 Incubator (optional)

### Test Report

Item Name: ALT      Sample No:1  
From:2006-12-15      To:2006-12-30  
Date:2006-12-31

| No | Item | Result  | Remark |
|----|------|---------|--------|
| 1  | ALT  | 132.098 | H      |
| 2  | ALT  | 103.213 | --     |
| 3  | ALT  | 50.098  | L      |

### Specification:

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Absorbance Range     | -0.500 - 3.500Abs                                                                      |
| Resolution           | 0.001 Abs (displayed), 0.0001Abs (calculated)                                          |
| Light Source         | Halogen lamp                                                                           |
| Wavelengths          | Continuously adjustable grating, wavelength range 330 - 800nm, 1 nm by step adjustment |
| Wavelength Accuracy  | ±1nm                                                                                   |
| Band Width           | < 6nm                                                                                  |
| Flow Cell            | Metal -quartz flow cell                                                                |
| Temperature Control  | 25℃, 30℃, 37℃; ±0.1℃ and ambient temperature                                           |
| Carryover            | < 1%                                                                                   |
| Memory               | Up to 204 protocols and 5400 results can be stored                                     |
| Output               | Internal printer                                                                       |
| Interface            | RS-232                                                                                 |
| Power Supply         | AC 110V - 220V±10%, 50Hz-60Hz                                                          |
| Net Weight           | 8KG                                                                                    |
| Dimensions LxWxH(mm) | 360 X 318 X 185                                                                        |