Technical Specifications

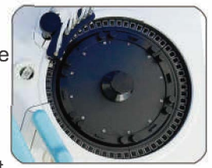
Sample/Reagent Position

- 40pcs sample position
- Reagent refrigerated function
- 40pcs reagent position



Reaction Cuvettes

- 60 pcs reusable plastic cuvettes
- Automatic blank testing for cuvette
- Colorimetry system in the pattern of light splitting behind cuvette
- Dismountable, easily replacement



Sample/Reagent/Mixing Probe

- Automatic liquid level detect
- Collision protection function
- Probe internal/external washing
- Independent mixing probe



12-Step Auto Cleaning System

- Automatic 12-step washing
- Hi-tech washing station to ensure accurate results
- With low water consumption: 1-2L/H



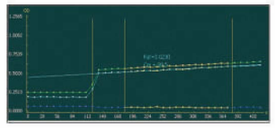
Intellective software

- Automatic washing cuvette when startup & shut down
- Automatic detect reagent volume during every startup
- Reagent plate temperature detecting when startup



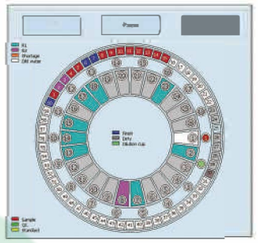
Optimum calibration cuvette

- Automatic Cuvette blank testing
- Automatic wash selected cuvettes



Dynamic and Real-time display of running status

- Real-time online monitoring running status of sample tray, reagent tray and cuvette
- Real-time online monitoring reagents residual volume
- Real-time online monitoring waste volume



Automatic dilute and re-test

- Automatic dilute and re-test when absorbance range is out of range
- Automatic dilute and re-test when linear limit is out of range



- Freely set the auto dilute ratio and dilute water position

Distributor:

We have certifications of quality management system, ISO9001 and ISO13485

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TC200
Automatic Chemistry Analyzer

Special for clinic



A revolutionary automatic chemistry analyzer with

- Compact design:54.8cmX42.2cmX38.3cm
- Easy to carry: net weight≤23kg

Optimal substitution of semi-auto chemistry analyzer

- Minimal labor required
- Independent mixing probe
- Utility of reagents decreased: 300ul/test
- Efficiency speed: 200 tests/hour
- User friendly: Smart and easy-operating software
- High Accuracy: Minimal operating/random errors
- High reputation from clinics

System Functions

- Analysis Methods:end-point, kinetic, two-point, double-reagent, double-wavelength, multi-standard etc, open to various reagents

Sample/Reagents Handling

- Sample volume: 1.6-50ul, 0.1ul step
- Sample Dilution: automatic/Manual pre-dilution, with
- dilution ratio up to 1:100
- Reagent Position: 40 pcs
- Reagent Volume: 10-500yl,0.5ul step

Reaction System

- Reaction Cuvette:60 reusable plastic units
- Optical Length of Cuvette: 6mm
- Reaction Volume: 180~400yl
- Max reaction Time: 10 minutes
- Reaction Temperature: 37+0.1℃

Optical System

- Light Source: halogen-tungsten lamp
- Wavelength: 340-690nm,9 wavelengths, precision ±1.5nm
- Absorbance Range: 0~5.0 Abs
- Resolution: 0.0001 Abs
- Rear spectrophotometry

Calibration

- Calibration: linear/nonlinear multi-points calibration
- Re-test: retest the sample automatically when the result is out of the linearity range or the sample is not sufficient

Working condition

- Power Supply:~100-240V, 50/60Hz,300VA
- Temperature:10-35℃
- Humidity: ≤90%,no dew

Operation System

- Windows 10 or Windows 7

Input and Output

- Input:RS-232 interface/computer
- Output: multi-format printout