



## Technical Specifications

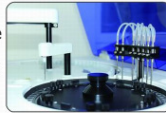
### Sample/Reagent Position

- 18pcs sample position
- Reagent refrigerated function
- 26pcs reagent position



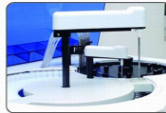
### Reaction Cuvettes

- 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
- Clot detection function
- Independent mixing probe



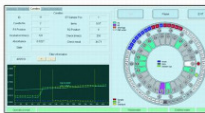
### 7-Step Auto Cleaning System

- Automatic 7-step washing
- Hi-tech washing station to ensure accurate results
- With low water consumption: 1-2L/H



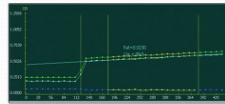
### Intellective software

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



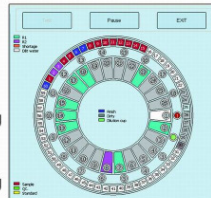
### Optimum calibration cuvette

- 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

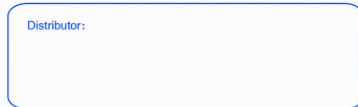


### Automatic dilute and re-test

- Automatic dilute and re-test when absorbance range is out of range
- Automatic dilute and re-test when linear limit is out of range
- Automatic dilute and re-test when linear range is out of range
- Freely set the auto dilute ratio and dilute water position



Distributor:



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# TC220 Automatic Chemistry Analyzer



### Reaction System

- Reaction Cuvette: 60 reusable plastic units
- Optical Length of Cuvette: 6mm
- Reaction Volume: 150~400μl
- Reaction Time: 8-12 minutes
- Reaction Temperature: 37±0.1°C

### Optical System

- Light Source: halogen-tungsten lamp
- Wavelength: 300-800nm, 8 wavelengths, precision ±2nm
- Absorbance Range: 0~3.0Abs
- Resolution: 0.001Abs
- Rear spectrophotometry

### A revolutionary automatic biochemistry analyzer with

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

### Optimal substitution of semi-auto biochemistry 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: 1-50μl, 0.5μl step
- Sample Dilution: automatic/Manual pre-dilution, with dilution ratio up to 1:100
- Reagent Position: 26 pcs (With refrigerated function, 2-8°C)
- Reagent Volume: 180-600μl, 1μl step

### 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, ≤350W
- Temperature: 10-35°C
- Humidity: ≤90%, no dew

### Operation System

- Windows XP or Windows 2000

### Input and Output

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

