



# ANTA 3000 ANTA 3000 ISE

Full Automatic  
Biochemistry Analyzer



LABORATORY



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# ANTA 3000/3000 ISE



## Full Automatic Biochemistry Analyzer

### Overall performance

- ◆ **Equipment type:** Fully automatic discrete, STAT priority.
- ◆ **Analysis rate:** Constant speed 300 T/H (without ISE) and with ISE 400 T/H.
- ◆ **Test Principle:** Colorimetry, turbidimetry.
- ◆ **Analysis method:** End-point, 2 kinetics, fixed-time, etc. support single/double wavelength, linear and non linear calibration.

### Sample system

- ◆ **Sample tray:** 60 sample positions, random access of all samples.
- ◆ **Sample volume:** 2-50ul, 0.1 ul increment.
- ◆ **Sample probe:** Liquid level detection, the remaining detection, collision protection etc.
- ◆ **Sample containers:** Sample cups, micro tube, Original blood-collection tube etc.



### Reagent system

- ◆ **Reagent Tray:** 45 reagent positions.
- ◆ **Reagent Volume:** R1:25-300ul, R2:10-150ul, 0.1ul increment.
- ◆ **Reagent Probe:** Liquid level detection, the remaining detection, collision protection etc.
- ◆ **Reagent Refrigeration:** 4-15°C, independent power supply, 24-hour non-stop refrigeration.



### Reaction system

- ◆ **Reaction Tray:** Rotating tray, 120 cuvettes.
- ◆ **Cuvette:** Reusable high quality cuvette, Optical diameter 6mm.
- ◆ **Reaction Volume:** 180-500ul.
- ◆ **Incubation system:** Bi-directional liquid-air device.
- ◆ **Temperature:** 37°C±0.1°C with real-time display.

### Optical system

- ◆ **Light source:** 12V35W halogen lamps, over 2000 hours
- ◆ **Photoelectron road:** after spectrophotometry
- ◆ **Wavelength:** 340,405,450,510,546,578,630,700nm
- ◆ **Absorbance range:** 0-3,500Abs
- ◆ **Resolution:** 0.0001Abs

### Operating system

- ◆ **PC operating system:** Windows XP or above
- ◆ **Analysis control software:** English version graphical operating software
- ◆ **Report printing:** Report formats support the user-defined mode, QC and state information etc.
- ◆ **System connection:** RS-232



### Working conditions

- ◆ **Power supply:** AC 220V±22V, 50Hz±1Hz, power 1.5KVA
- ◆ **Ambient Temperature:** 15-30 °C
- ◆ **Humidity:** 35-80%
- ◆ **Water consumption:** 7L/Hour
- ◆ **Dimension Bench top:** 75mm\*520mm\*600mm



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