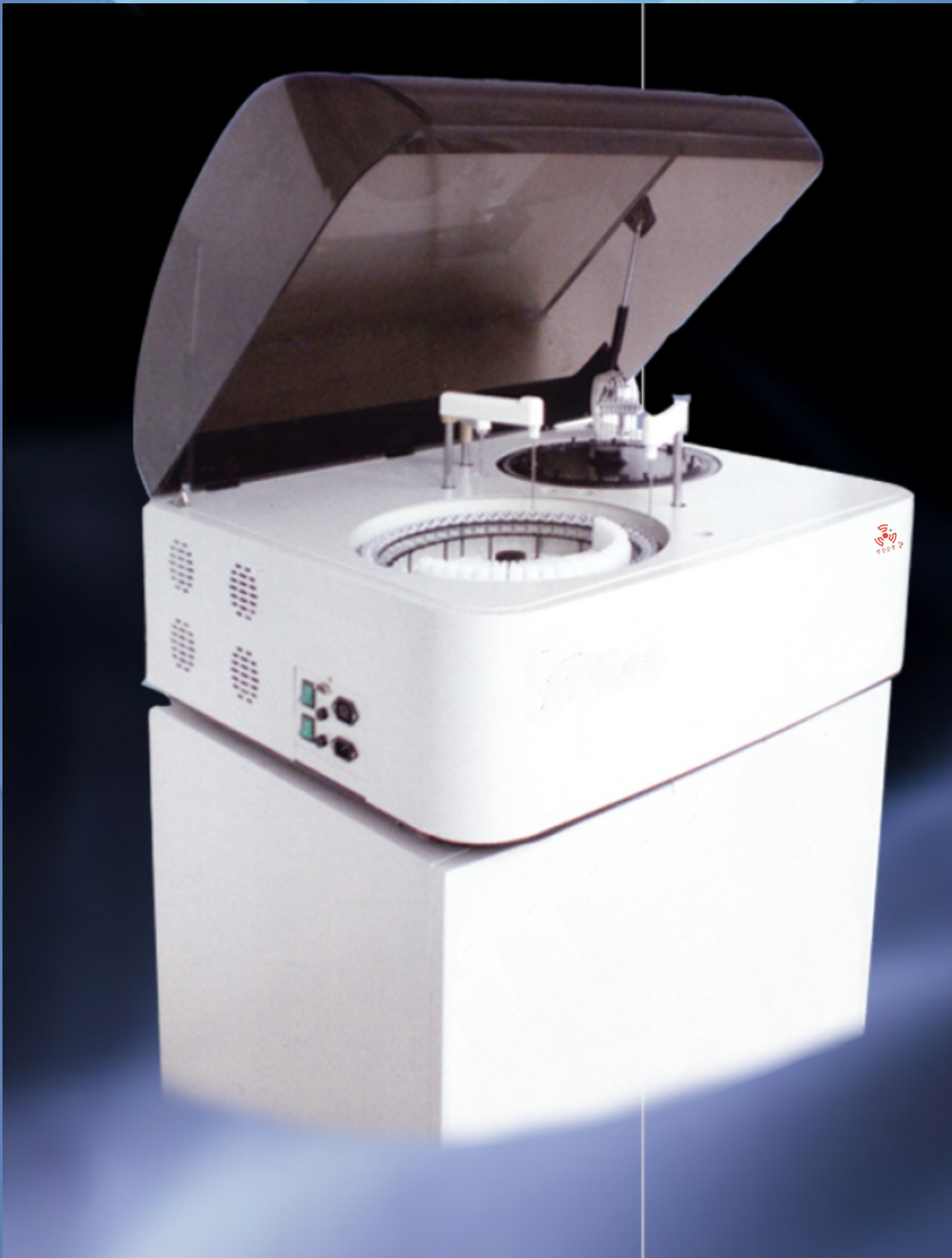


# ANTA



# 3000



**FULL AUTOMATIC  
BIOCHEMISTRY ANALYZER**

## Reagent & Sample Needles

Whiting intelligenzed liquid sensor  
Tracking the residual liquid in time  
Decrease the across contaminate



### MIXING NEEDLE

Throughly solve the problem caused  
By easy-concreting sample

### SELF-WASHING SYSTEM

Water consumption 5-8 lt/h  
High efficiency  
Cuvette self-drying



## Technical Characteristics

Test Speed:	300 test/hour without , 500 tets/hour with ISE
Sample tray:	60 unfixed positions for various samples ( STAT priority )
Assay Type:	End Point, Kinetic, Fixed time , Tirbidimeter , ISE electrolytes
Reagent tray:	45 positions ( open reagents)
Reaction Tray :	120 high-quality cuvetets ( optical lenth 6 mm)
Sample consume :	2 – 50 $\mu$ l ( with stps of 0,1 $\mu$ l) by high-precision micro-syringe
Reagent consume :	R1 25-300 $\mu$ l , R2 10-150 $\mu$ l with steps of 0,1 $\mu$ l
Reaction volume :	180 – 500 $\mu$ l
Reaction time :	About 10 minutes
Needle cleaning :	Self-washer after every step, for reducing across-contaminated
Washing system :	8 needles with 4 pumps. Self-washing in time with test
Mixing needle :	Self-mixing the reaction liquid
Liquid sensor :	Self-detecting of the liquid level, tracing the rest volume
Calibration methods :	Linear and non linear
Photometer system:	washing Narrow band interferential filters
Light Source:	12V, 35W halogen lamp
Wavelengths:	340, 405, 510, 546, 578, 630, 660, 700 mm single/double wavelenght
Linearity range:	0~3.0000Abs, stray light $\leq$ 0.5%
Heating/cooling system:	Peltier effect elements
Temperature control :	Reaction tray 37 °C $\pm$ 0,1°C - Refrigeration for reagent tray 2-8 °C
Temperature accuracy:	37 $\pm$ 0.1° C, pre-heated probe
Quality control test :	Insert QC at any time, 6 QC types for a project
Report print :	User can choose the print type by self
PC operation system	WINDOWS 98/2000/XP
Communication:	RS-232 Connector
Software Functions:	sample adding freely, errors and warning messages
Dimensions ( W x D X h ):	1000 x 800 x 1350 mm
Weight :	125 kg
Power Supply :	AC 110/220v, 50/60Hz 1000VA
Environment :	Temperature 10° C – 30° C, Relative Humidity $\leq$ 85%



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