

# ANTA 500S



## BIOCHEMISTRY ANALYZER

## Main Features

- Touch screen , friendly use.
- Biochromatic optic system with 7 wavelengths
- Customer can evaluate validity of the result quickly by checking the status symbol of each results.
- Test Method: end point, kinetic, fix time, dual wavelength
- Multi standard calibration, you can choose the formula, linearity, quadratic curve, power function curve, exponential function curve, logarithmic function and cubic spline curve. Real-time dynamic graphic display.
- Internal thermal printer
- Large memory to store up to 200 test program, more than 10.000 test results
- QC data storage function.
- Optional Incubation,
- **ANTA 500s** is the basic model without Incubation function.
- **ANTA 500S plus** is equipped with Incubation , 8 holes, for samples

## Technical Characteristics

Principle:	Absorbance
Screen :	LCD Touch Screen 240 * 128 dot-matrix
Wavelengths:	340 ~ 750nm
Interference Filter:	340,405,505,546,578,630nm
Performance- range:	0 – 3.000Abs
Linearity:	Correlation coefficient $\geq 0.9995$
Stability:	0.005ABS
Repetition:	$\leq 1.0\%$ , 1.000ABS
Resolution:	0.001Abs
Method:	kinetic, fixed time
Calibration:	Factor ( one point ) multi point curve ( include cubic )
Blank:	Sample blank (EP); Kinetic blank (F.T, KIN )
Graph:	Real-Time test graph
Alarm:	Special Symbol to alarm the abnormal result
Light source:	12V/20W halogen lamp
Flowcell Type:	1 cm optical path, 32 ul
Connection:	Tube type
Material:	Quartz glass
Flowcell Temperature:	PELTIER control 25°C , 30° C and 37° C
* Sample Incubation	Optional PELTIER control 25°C , 30° C and 37° C ( 8 holes, only on PLUS version)
Cross contamination:	1%, 500ul sample size
Motor:	High torque motor
Program and Date Storage:	200 item programs, More than 10.000 tests data
Printer:	58mm thermal printer
Interface:	Rs232
Power Supply and Voltage :	120VA , 220V, 50Hz



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