

# ANTA



# 2000



**FULL AUTOMATIC  
BIOCHEMISTRY ANALYZER**

## Main Features

**ANTA 2000** is a fully automatic clinical chemistry analyzer suitable to perform the daily routine of a low/medium size laboratory. It is a flexible and cost effective solution due to the low reagent consumption and to an advanced cuvette washing station. The high precision dispensing system and the pre-heated probe guarantees high reproducibility. The reliability of the system and the user friendly software with multilingual capability enhances the instrument characteristics and performances.

## Technical Characteristics

Test Speed:	<b>200 test/hour</b>
Assay Type:	<b>End Point, Kinetic, Fixed time</b>
Item Combination:	<b>45 item</b>
Reagent rack:	<b>45 reagents position</b>
Sample rack:	<b>60 sample position</b>
Cuvettes:	<b>120 reaction cuvettes, optical path 6mm, automatic</b>
Sample volume:	<b>2 <math>\mu</math> 1-50 <math>\mu</math> 1. Step 1 <math>\mu</math> 1. Capacitive level detection system. Cleaning for both inner and outside aspirating probe.</b>
Reagent volume:	<b>R1: 25 <math>\mu</math> 1-300 <math>\mu</math> 1, R2 10 <math>\mu</math> 1-150 <math>\mu</math> 1 . Capacity level detection system. Calculation of the residual volume.</b>
Reaction volume:	<b>180 <math>\mu</math> 1 minimum</b>
Temperature accuracy:	<b>37<math>\pm</math>0.1° C, pre-heated probe</b>
Photometer system:	<b>washing Narrow band interferential filters</b>
Wavelengths:	<b>340, 405, 510, 546, 578, 630, 660, 700 nm</b>
Light Source:	<b>12V, 35W halogen lamp</b>
Linearity range:	<b>0~3.0000Abs, stray light <math>\leq</math>0.5%</b>
Software Functions:	<b>6 types of quality control per test, sample adding freely, errors and warning messages.</b>
Reagent cooling system:	<b>Peltier effect elements</b>
Reaction time:	<b>About 10 minutes</b>
Communication:	<b>RS-232 Connector</b>
Operating system:	<b>Windows XP</b>
Dimensions ( W x D X h ):	<b>958 x 700 x 1100 mm</b>
Weight :	<b>90 kg</b>
Power Supply :	<b>AC 110/220v, 50/60Hz 800VA</b>
Environment :	<b>Temperature 10° C – 30° C, Relative Humidity <math>\leq</math> 85%</b>



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