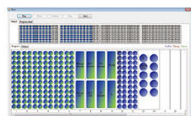


# Auto ELISA Processor BIOBASE 1000



## Features:

- ①. 1 robotic arm, 1 pipetting probe (10~1000μl).
- ②. 2 unit 96 well microplates (independent incubating).
- ③. 1 unit reader& washer (auto reading and washing).



### Software Module

User-friendly Windows system;  
LIS system available.



### Sample Module

Hitech teflon coating probe to  
prevent cross contamination.



### Sample & Reagent & Dilution Rack Module

Original sample tubes available;  
Rack positions programmable.



### Microplate Reader & Washer Module

Modularized automatic control  
reading and washing system.

## Parameters:

| Model              | BIOBASE 1000          |  |
|--------------------|-----------------------|--|
| Sample Unit        | Sample Racks          | 80 sample positions (tubes 13mm)   |
|                    | Pipetting             | 10~1000μl  |
|                    | Dispensing System     | 1 aspirating and dispensing probe (X-Y-Z movement)                             |
| Reagent Unit       | Reagent Racks         | 8 + 1 reagent racks, editable  |
|                    | Pipetting Range       | 10~1000μl, 1μl stepping  |
|                    | Pipetting Precision   | (100μl) CV≤0.5%  |
|                    | Dispensing Time       | 5 minutes to whole 96 well microplates   |
| Incubation Unit    | Incubation            | 2 independent incubators   |
|                    | Temperature Range     | RT to 45 °C  |
|                    | Temperature Accuracy  | ±0.5°C   |
| Washing Unit       | Washing Probes        | Two line 8-nozzle manifolds  |
|                    | Wash Containers       | 2 wash buffers 2L, 1 distilled water, 1 waste water                            |
|                    | Washing Residual      | ≤2μl   |
| Reading Unit       | Reading Channels      | 8 independent photometric channels, mono and dichromatic reading               |
|                    | Absorbance            | 0.0~3.0 OD   |
|                    | Spectral Range        | 400~700nm  |
|                    | Optical Filters       | 2 standard filters (450,630nm);<br>2 more on request (405nm/450nm/492nm/630nm) |
| Data Management    | Software              | Windows 7  |
|                    | LIS System            | Bi-direction, support HL7 protocol   |
|                    | Results               | Absorbance and results reviewable by software                                  |
|                    | Printer               | External optional  |
| Working Conditions | Power Supply          | AC220V±10% 50/60Hz; 110V±10% 60H, 400W   |
|                    | Temperature           | 10~30°C  |
|                    | Humidity              | 30~80%   |
| Size & Weight      | External Size (W*D*H) | 879*660*764mm  |
|                    | Net Weight            | 112kg  |
|                    | Package Size(W*D*H)   | 1020*810*1240mm  |
|                    | Gross Weight          | 160kg  |