

**Product Name :**  
Medical Fully Automated Chemistry Analyzer**Product Code :**  
HOSPITALLAB70009**Description :**

Medical Fully Automated Chemistry Analyzer

**Technical Specification :**

Throughput constant 180 T/h or 300T/h, best for middle or small size hospital

Closed integrated photovoltaic systems, no mechanical parts, maintenance free

Minimum reaction volume is 150UL, cost saving

Discrete, random access, automatic

Random choice of method, the real discrete automatic chemistry analyzer

This automatic chemistry analyzers have gained a lot of national patents during the researching.

**Analyze Unit**

L Throughput: Constant 180 T/h, 81 reaction cuvette positions, multi-channel testing together.

L Minimum reaction volume is 150? L, cost saving.

L Determined by the sample sequence, inserted at any time emergency.

L Heating method: Direct thermal solid thermostat closed.

#### Optical Unit

L Closed integrated photovoltaic systems, no mechanical parts, maintenance free.

L Light Source: Halogen-tungsten lamp;

L Lifetime? 2000 h.

L 8 Wavelength, support single or dual wavelength.

#### Reagent Unit

L 60 reagent positions.

L Automatically detect the amount of reagent remaining, displayed in real time the remaining amount of reagent.

L 15ml, 20ml, 30ml, 50ml or 70ml reagent bottle. Dead volume <1.0 ml.

L Support for single and double reagent, reagent completely open.

Internal barcode reader (option).

#### Sample Unit

L 60 sample positions.

L Testing according setting, random access.

L Real time display of testing status.

L Internal barcode reader (option).

#### Reagent/Sample handing Unit

L Intelligent liquid detection & collision protection (Red light: Collision; Blue light: Detection of the liquid).

L Reagent volume: 2 ~ 500? L, step by 1? L.

L Probe cleaning: Automatically washing for both inside and outside, carry over 0.1%.

L Automatically dilute and retest.

## Calibration and quality control Unit

L Linear curve type: Single-point linear, two-point linear and multi-point linear.

L Nonlinear curve type: Logit-4p, Logit-5p, polynomial, factor.

L Automatically use best calibration curve and standard.

L Quality control chart: L-J, Westgard TwinPlot, Cumulative.

## Operation Unit

L Operation system: Windows XP/Office 2000, interface is intuitive and operate it easily, arbitrary operating authority; No restrictions on the amount of time and storage, permanent preservation of various types of data, automatic storage and backup.

L Can print the contents of any custom; Offers a variety of print formats.

L Help and operation guide on line in English.

L No restrictions on setting test parameters.

L Unique password for user management, rational allocation of user rights.

L Real time display of testing status, the remaining amount of reagent, testing status, reaction curve and the test progress.

L Real time display of reaction plate temperature.

RS-232 standard interface, support for the hospital network, print reports remotely.

## Others

L Temperature: 10-30 degree

L Humidity: Less than 70%.

L Try to avoid strong light.

L Floor level up: Less than 1/200.

L Barometric: 86.0kPa-106.0kPa.

L Power Supply: AC 220V $\pm$  22V 50Hz $\pm$  1 Hz.

L Water consumption: Less than 6L/h.

L Frequency: 550 VA.



## Equipments Exporters

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