

Fully Automated Biochemistry Analyzer

★ Parameter

- Throughput: constant 200 tests per hour (singled& dual reagent, ISE is not included).
- Linear range: 0-4.0A.
- Wavelength range: 300-800nm, rear spectrophotometry, 8 wavelengths (4 spare positions are optional).
- Sample volume: 2-50μl, step by 0.1μl.
- Reagent tray: 80 positions for reagents.
Samples tray: 40 positions for samples.
Reaction tray: 44 positions for cuvettes.
- Minimum reaction volume: 150ul.
- Carry-over rate: less than 0.005%.
- Temperature control: solid heating, $37\pm0.1^{\circ}\text{C}$.
- Washing system: 6 needles and 3 times repeated washing system.
- Reagent, samples, deionized water, and waste water could be monitored through liquid inductor.
- Storage: over two million test results.
- 21 inch colorized liquid crystal display is connected with the printer, English report could be printed.
- Wide voltage and current source: AC 100-240V.



MH -400 Fully Automated Biochemistry Analyzer



Fully Automated Biochemistry analyzer

- Discrete, constant 200T/H(singled & dual reagent).
- The principle of Beer-Lambert law and turbidimetry-immunoassay and many methods such as end point method, rate method and two points method can be adopted in order to carry on more clinical items in the laboratory.



High precision and excellent quality Components

- The sample probe made by world renowned manufacturer ensures better sampling and cleaning results.
- Detector from well-known manufacturer ensures stable and accurate test results.
- Pumps, valves and light source from well-known manufacturers ensure longer service life and decrease maintenance and running costs.



Advanced optical system

- The optical filter made by world renowned manufacturers with 8 wavelengths, could be extended to 12 wavelengths.
- Totally-enclosed optical system is well protected against mildew, moisture, oxide, and free of maintenance.



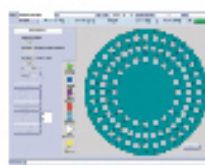
Patented cleaning system

- Patented cleaning system without liquid residue, 6 needles and 3 times repeated cleaning system ensure excellent cleaning results and accurate test results.
- The inner and outer interface of sample probe is constantly cleaned by the fountain type cleaning solution, in this way, carry-over contamination is prevented.



Efficient and stable temperature control system

- Advanced solid direct-heating technology raises the temperature quickly and free of maintenance.
- Exclusive patented temperature control system and high precision of temperature control ($37\pm0.1^{\circ}\text{C}$) ensure best reaction temperature.



Perfect real-time detection function

- Real-time monitoring for samples status, reaction curve, calibration curve and quality control chart.
- Real-time monitoring for reagent plate, sample plate and reaction plate.
- Real-time monitoring for the liquid interface of reagent, samples, deionized water and waste liquid.



Intelligent software with simple operation

- English interface combines with graphics makes the operation more simple.
- Powerful inquiry, edit and statistical analysis function.
- Any report made and report data.
- Supports all operation system, LIS two-way connection.

Biomedix Medical System
www.biomedixmedicals.com