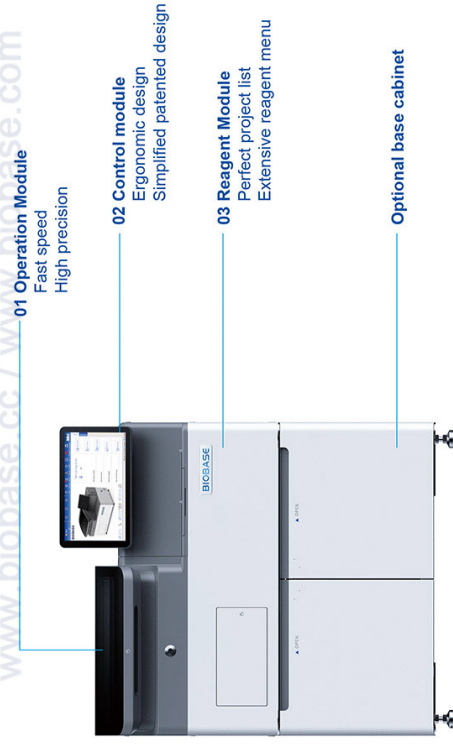


Automatic Chemiluminescence Immunoassay System BK12200



Introduction:

The chemiluminescence immunoassay system uses magnetic particle separation technology, which uses magnetic particles as antibody carriers, which can be evenly distributed in the liquid phase reaction system, with faster reaction speed and higher efficiency. Using enzymatic chemiluminescence method, the light signal is more stable. A new generation of enzymatic substrates, with higher sensitivity and faster luminescence.



Advantage:

Operation Module

Tubular enzymatic chemiluminescence
The max speed of a single machine is 240T/h
Carrying contamination rate < 10ppm
High precision: intra-batch precision $\leq 8\%$

Control Module

Ergonomic design increased operator comfort
0.68 square meters, highly integrated and simplified patented design
Convenient operation: support LIS two-way communication, scan the code to test
Smooth human-computer interaction experience: the touch screen and the frame are integrated into the machine, and all consumables can be loaded online in real time

System Layout:



Sample Probe

Sample integrity control: level, clot and bubble detection
Needle tip cone-angle design to reduce liquid hanging
Quantity tracking, intelligent collision avoidance
Negative pressure needle washing, cleaning more thoroughly



RV Loading Module

Reaction vessels can be added by pouring, without manual arrangement

Washing and mixing module

Incubation, cleaning and testing one-machine design
Fully enclosed independent incubation system with 90 incubation positions
30 independent cleaning positions
Triple magnetic separation cleaning technology is adopted



Sample Tray

International universal test tube rack, 10 tubes/rack, 6 test tube racks can be placed
Support emergency insertion
Support blood collection tube, sample vessel loading



Reagent Tray

Forced air cooling, maintenance-free
Up to 25 items can be tested at the same time, can be replaced at any time
Remaining liquid detection, real-time alarm
Support scanning bar code loading



Operating System

Humanized design software function
Clear warning of consumables status, adding in advance is more worry-free
The detection process is updated in real time, easy to grasp the reporting time
Fault warning, remote assistance, and active maintenance are more intimate

