



ES-RA96A

Fully automatic ID-AST system



LABORATORY

Description

Fully automation

- Auto self-checking: Ensure the accuracy of test result and long-term stable operation.
- Auto incubation: Inner intelligent temperature control system, monitor and control the temperature of incubator integrated with the cold closet of auxiliary reagent.
- Auto detection: Able to detect the IST card in real time, and report the detection result in time.
- Auxiliary reagent: According to the different cards, the instrument can add the corresponding auxiliary reagent automatically

High efficiency

- Detect 60 specimens in same time and allow to load cards at any time.
- The specimen can be automatically discarded after detection completed.
- Identification and antimicrobial susceptibility test can be reported up to 8 hours.
- Bidirectional connection with your LIS.

Information tracing

- Every specimen can be traced by barcode.
- From loading the specimen to discarding it, the airtight treatment ensures the biological safety

Meet CLSI requirement

- More than 200 kinds of drug detection, up to 9-dilution concentration gradient with MIC value. The drugs and concentration gradient fully meet the requirement of the latest CLSI.
- Support WHONET,LIS/HIS connecting, easy to achieve the data sharing with LIS/HIS.

Statistical analysis

- According to the hospital needs to set up statistical items, ES-RA96A supports flexible analysis of hospital's bacterial infection and drug use.
- Integrating with "Nosocomial Infection Management System" monitor the environment, medical supplies, staffs by saving and analyzing the data.

Expert system

- According to CLSI and other related documents, ES-RA96A reports the antimicrobial susceptibility result in groups.
- According to the latest CLSI standard, ES-RA96A gives the abnormal result hints like MRSA, β -lac, VRE, VRSA, HLAR, ESBLs.
- Give the report mentioning the unreasonable of antimicrobial susceptibility and clinical medication usage attention.

Specification

- Capacity: 60 cards
- Report time: up to 8 hours
- Weight: 125kg
- Size: 945mm*700mm*1080mm
- Power: AC 110-240 VAC (50-60Hz)
- Environmental Requirements:
- Operating Ambient Temp.: 15°C to 30°C
- Operating Humidity Range: 20% to 80% relative humidity, non-condensing



Test Card	ID/AST range	Package(Card kit and reagent kit)
ES-RA96/120E	Enterobacteriaceae	10 cards+ relevant medium
ES-RA96/120NE	Non -fermenta ve bacteria /Vibrio	10 cards+ relevant medium
ES-RA96/120STAPH	Staphylococcus /Micrococcus	10 cards+relevant medium
ES-RA96/120STREP	Streptococcus	10 cards+ relevant medium
ES-RA96/120FUNGUS	Yeast-like fungi	10 cards+ relevant medium
ES-RA96/120NH	Neisseria I Haemophilus	10 cards+relevant medium (Coming soon)
ES-RA96/120Cory	Corynebacterium	10 cards+relevant medium (Coming soon)