



MICROBIAL ID/AST System



LABORATORY



Pulse Healthcare Technology
House: 11/1, Shahid Minar Road
Kallyanpur, Dhaka-1216, Bangladesh.
Mobile: +8801708008061
e-mail: info@pht.com.bd
web: www.pht.com.bd



MICROBIAL

ID/AST System



Precise Identification

- Identification of bacteria is widely applied in clinical, veterinary and industry. It can meet the requirements of clinic, scientific research and public safety.
- Precise and reliable, the MICROBIAL identifies microbes as "Species" and "Subspecies". These microorganisms include: Enterobacteriaceae, Nonfermentative bacteria, bacteria of Vibrionaceae, Staphylococcus/Micrococcus, Yeast like fungi, Streptococcus, Enterococcus, Vibrionaceae, etc.. totally over 500 kinds of routing microorganisms.
- Test card is 96-well composite plate of identification and drug sensitivity.
- MICROBIAL is able to screen ESBLs test.
- Fungi drug sensitivity includes 5 types of antifungal drug sensitivity tests which are commonly used in clinics.

Efficient drug guidance

- MICROBIAL database covers over 200 types of antibiotics.
- MICROBIAL sensitivity analysis of antibiotics complies with the latest CLSI regulation.
- According to CLSI regulation, antibiotics are divided into A/B/C/U group to report MIC results, which help doctor determine the most appropriate treatment for the infected patient and avoid antibiotics abuse.
- Every antibiotic provides eight level of concentration ladder in DL unique test card. It enhances the precision of MIC analysis.

Easy & Integrated operation

- Fully automated sampling device can be equipped so as to reduce workload. It can prevent error caused by manual sampling and guarantee biological safety; sampling throughput is 60-80 cards per hour.
- Standard operation procedure provides optimum quality assurance.
- User friendly interface with reliable and rapid analysis.
- Able to connect LIS/HIS and WHONET.

Cod. **MICROBIAL**



Technical Features	
Test Principles	Identification: Colorimetry Susceptibility Testing: Turbidimetry
Throughput	60-120 cards per hour
Optional Configuration	Automated sampling device, sampling 60-80 cards per hour
Printer	External printer
Display	17 inch
Interface	Internal PC, support LIS/HIS, WHONET
Working environment	Environmental temperature 5°C ~ 40°C Relative humidity 10% ~ 90%
Atmospheric pressure	76kPa ~ 106kPa
Power supply	AC220V±22V, 50Hz±1Hz
Dimensions	700x493x465 mm
Weight	31.2 Kg

Combo ID/AST Test Card		
Test Card	Identification Range	Package
MICROBIAL/E	Enterobacteriaceae	10 cards+accessory medium
MICROBIAL/NE	Non-fermentative bacteria	10 cards+accessory medium
MICROBIAL/ST APH	Cocci	10 cards+accessory medium
MICROBIAL/STREP	Streptococcus	10 cards+accessory medium
MICROBIAL/FUNGUS	Fungi	10 cards+accessory medium



Pulse Healthcare Technology
House: 11/1, Shahid Minar Road
Kallyanpur, Dhaka-1216, Bangladesh.
Mobile: +8801708008061
e-mail: info@pht.com.bd
web: www.pht.com.bd



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

