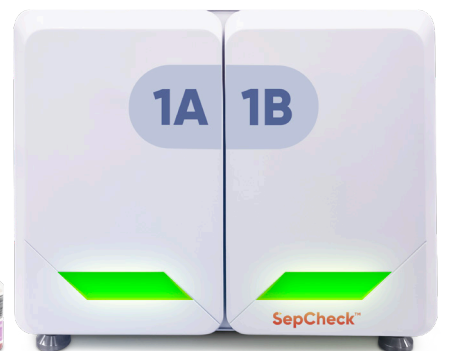




SepCheck™

Automated Blood Culture Analyzer



About Us

GRANT TECHNOLOGY

Grant Technology (HK) Co., Ltd (Hereinafter called GT) was established in 1996. GT's core businesses have been the sales and marketing of niche medical diagnostic products in the fields of microbiology and virology for over 25 years. The company is developing an extensive distribution network for supplying microbiology products.

The company also supports the clinical diagnostics industry by developing innovative technologies, especially for microbiology.

The company is continuously seeking partnerships in different countries.

SepCheck™

Automated Blood Culture Analyzer

The **SepCheck™** automated blood culture system utilizes cutting-edge non-invasive and visual technology, incorporating a distinctive optical detection system. This innovative system achieves complete automation of blood culture testing. With its dependable temperature control system and reliable vibrating module, the system significantly reduces the time required for detecting positive results and minimizes the occurrence of false positives.



DATA TRANSMISSION

LIS connectivity



SepCheck™



RESULTS



LIS

DATA COMMUNICATION

Uni-directional communication

LIS connection available

RS232
COM port

USER INTERFACE



HOME

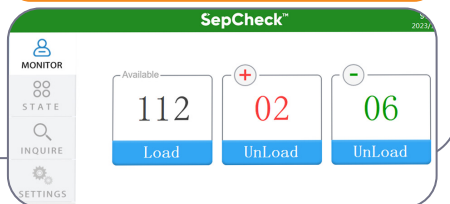
Displays available cells

No. of positive bottles

No. of negative bottles

System time

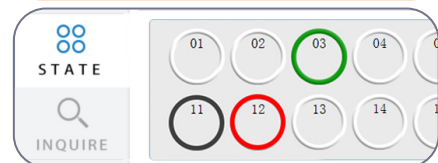
Alarm



STATUS

Displays status of each unit cell

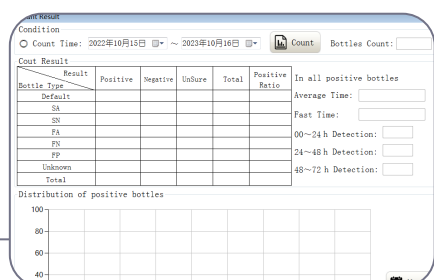
View and edit the information of the bottle



RESULTS

Query the culture test result

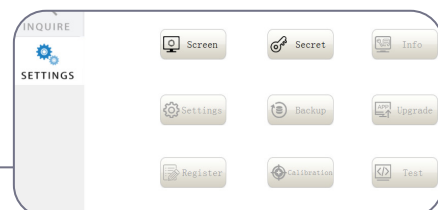
Display the culture monitoring curve



SETTING

Edit system setting

- Temperature
- Alarm sound
- Registration
- Activation calibration
- User permission
- Password
- Authorization code



SIMPLIFIED WORKFLOW

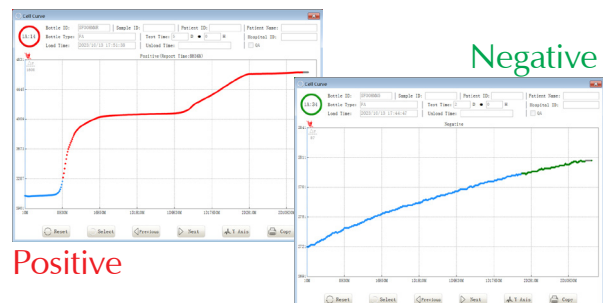


SPECIFICATION

- 1 Analyzer included :
2 incubator modules of
60 cells deliver 120 cell capacity.
- Control module handles up to 6
incubator modules for capacity up to
360 cells.
- High-accuracy temperature control:
< +/- 1.5°C
- Continuous incubation
- Continuous detection in every 10
minutes, minimum positive sample
detection time is 3 hours
- Bulk loading is available
- Size: W537mm X D672mm X
H475mm
- Weight: approximately 92kg
- Power supply:
AC240V, 50Hz
- Sample Type: Blood

SOFTWARE

- Simple steps: Scan and load/ unload bottles
- Status monitoring: no. of vacancy cells, no. of
loaded bottles and no. of Neg/ Pos bottles for
unloading.
- 3 alarm methods: voice, light, popup message
- Visualized and graphical interfaces, clear bacterial
growth curve



- Statistical analysis of blood culture status and
workload data
- Capable for LIS connection
- Memory stored up to 5,000 samples with growth
curves
- Alarm for temperature loss

REAGENT FEATURES

- ▶ Both Colorimetric/ Fluorescence detection methods, reagent bottles are suitable for different platforms.
- ▶ Quantitative vacuum design effectively prevents contamination during blood collection.
- ▶ High Tensile Plastic bottles can reduce the potential for exposure to biohazards.
- ▶ Two-barcode system increases traceability.
- ▶ Minimum time required for detecting a positive sample can be as short as 3 hours.
- ▶ A range of specimen bottles with specialized nutritional media increase microbial growth and positive rates.
- ▶ Shelf life of reagents up to 12 months.
- ▶ Storage in room temperature.
- ▶ Streamlined workflow process to reduce “Hands-on time”.
- ▶ Resins absorbs immune factors and residual antibiotics and favorable for the growth and detection of organisms.
- ▶ Different types of blood culture bottles including aerobic/ anerobic, standard, resin and pediatric.

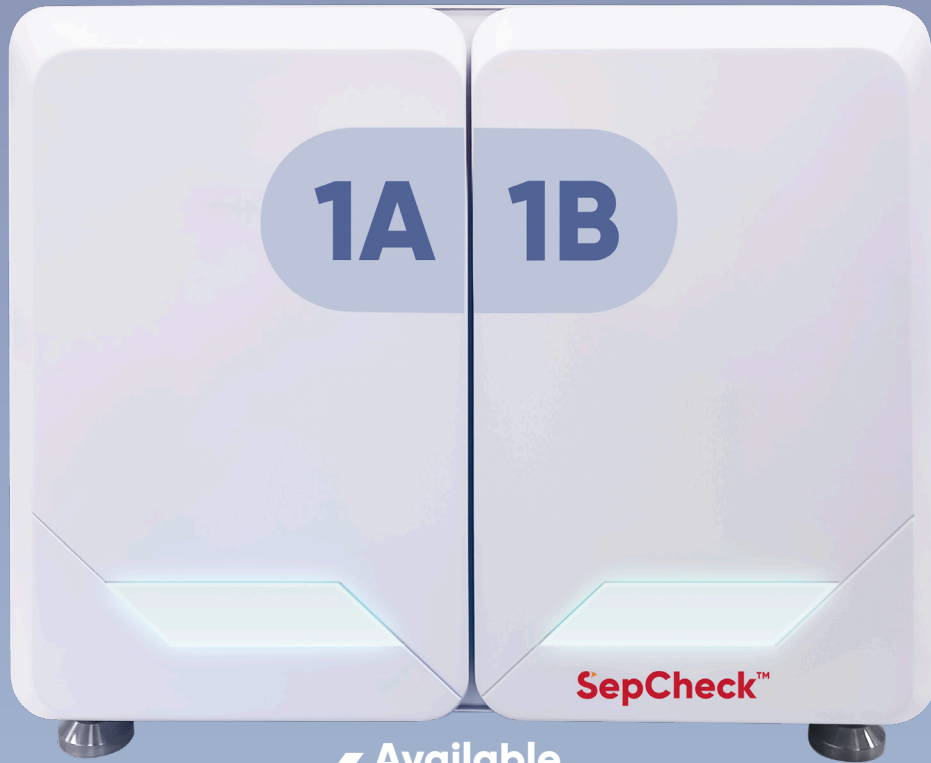


STERILE BODY FLUID FOR SepCheck™

Model No.	Bottle Types	Specimen Types	Methodology	SBF	Packing Size
SC-RA 25/50/100-C	Resin Aerobic bottle	Blood / CSF	Colorimetric	CSF	25 Bottles/ 50 Bottles/ 100 Bottles (per box)
SC-RAPC 25/50/100-C	Resin Aerobic Pediatrics bottle				
SC-RANC 25/50/100-C	Resin Anaerobic bottle				
SC-RA 25/50/100-F	Resin Aerobic bottle		Fluorescence		
SC-RAPC 25/50/100-F	Resin Aerobic Pediatrics bottle				
SC-RANC 25/50/100-F	Resin Anaerobic bottle				

SepCheck™

Automated Blood Culture Analyzer



▸ Available



▸ Alarm ▸ Progress



▸ Positive ▸ Negative

Grant Technology

OFFICE

UNIT 333, 3/F, BUILDING 16W, HONG KONG SCIENCE PARK, SHATIN, HONG KONG

TEL

+852-25261982

EMAIL

INFO@GTECH.HK

WEB

WWW.GTECH.HK