



Pharmaceutical
Microbiology
Turnkey Solutions



HuanKai® EM Series represents state-of-the-art culture media technology from both a formulation and packaging perspective.

Measuring the effectiveness of contamination control is an essential component for environmental risk management. Accurate Environmental Monitoring data is crucial when making product release decisions.

Culture media must be robust enough to withstand the rigorous conditions in today's pharmaceutical cleanrooms. Culture media needs to be both reliable and sensitive to promptly detect stressed organisms inherent to aseptic manufacturing areas.

With over 30 years of microbiology experience, HuanKai has developed a solution specifically designed for pharmaceutical environmental monitoring.



PROVEN

Validated for use by pharmaceutical manufacturers world-wide for their most critical manufacturing environments



PHARMACEUTICAL

Designed to meet the needs of the pharmaceutical industry for the highest quality culture media for use in clean room and isolator manufacturing areas



PERFORMANCES

Media formulations optimized for maximum sensitivity and reproducibility within the same lot from batch to batch

Q

uality is critical, which is why HuanKai has implemented to ensure the best media products are available for professional use:

Vertically Integrated Production Process

HuanKai maintains control of the production process from peptone digestion to the finished product to consistently provide you with high quality media.



PEPTONE PRODUCTION



AGAR HARVESTING



PETRI DISH MOLDING



DEHYDRATED CULTURE MEDIA



FILLING PROCESS

Robust Quality Manufacturing

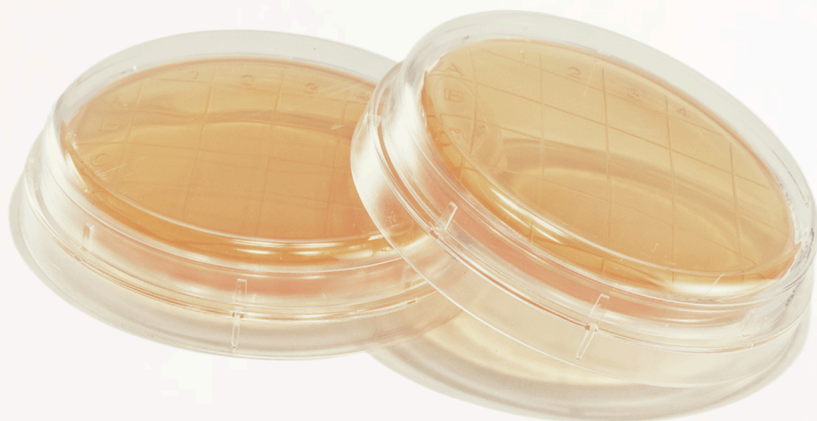
HuanKai ensures lot-to-lot consistency of the highest quality media through our ISO 9001 quality systems and 10-6 SAL manufacturing facilities.



HKM® and the HuanKai company logo are registered trademarks of Guangdong HuanKai Microbial Sci. &Tech. Co., Ltd.



Redefine the better PLATE.



The little things matter - For over 30 years, our people have focused on the little details that add up to something big.



Storage Flexibility

A storage temperature range of 2-25°C provides you the highest flexibility and resource utilization.



Ease of Transfer

Triple-wrapped packaging enables easy transfer and storage while maintaining sterility.



Resource Efficiency

Maximize batch sizes and reduce incoming QC testing with up to 6 months shelf-life.



Sterility Assurance

An SAL claim of 10^{-6} minimizes the risk of false positives and protects your environments from the risk of contaminants.



No Sweat

The impermeable packaging system of Triple-wrapped sterile plated media ensures condensation will not form inside the package or on the plates.



Safe Gamma Irradiation

An indicator placed on each box of plates confirms that the irradiation with the required doses window of 9 to 20 kGy was irradiated successfully.

A SELECTION OF READY-TO-USE MEDIA

CONTACT PLATES 55MM RODAC

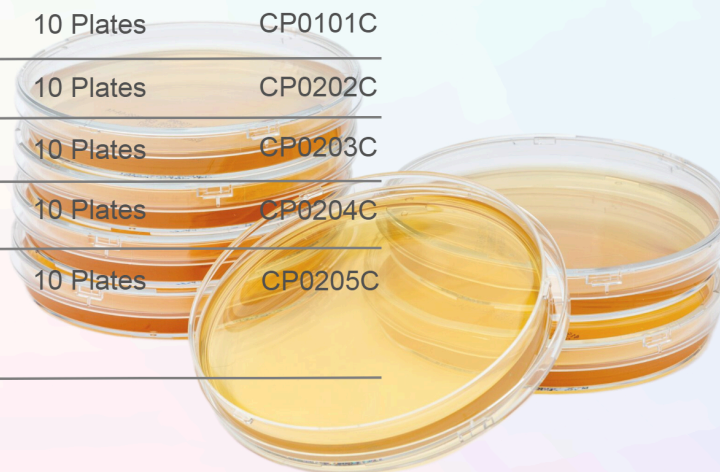
Description	Packaging	PK	Art. no.
Tryptic Soy Agar	triple wrapped, irr.*	10 Plates	CP0201J
Sabouraud Dextrose Agar	triple wrapped, irr.*	10 Plates	CP0301J
Nutrient Agar	triple wrapped, irr.*	10 Plates	CP0101J
TSA+Cephalosporinase	triple wrapped, irr.*	10 Plates	CP0202J
TSA+Penicillinase	triple wrapped, irr.*	10 Plates	CP0203J
TSA+Lecithin+Tween 80	triple wrapped, irr.*	10 Plates	CP0204J
TSA + Lecithin + Tween 80+Histidine+Sodium Thiosulfate	triple wrapped, irr.*	10 Plates	CP0205J



Note: *irradiated

SETTLE PLATES 90MM

Description	Packaging	PK	Art. no.
Tryptic Soy Agar	triple wrapped, irr.*	10 Plates	CP0201C
Sabouraud Dextrose Agar	triple wrapped, irr.*	10 Plates	CP0301C
Nutrient Agar	triple wrapped, irr.*	10 Plates	CP0101C
TSA+Cephalosporinase	triple wrapped, irr.*	10 Plates	CP0202C
TSA+Penicillinase	triple wrapped, irr.*	10 Plates	CP0203C
TSA+Lecithin+Tween 80	triple wrapped, irr.*	10 Plates	CP0204C
TSA + Lecithin + Tween 80+Histidine+Sodium Thiosulfate	triple wrapped, irr.*	10 Plates	CP0205C



Note: *irradiated

OTHER PLATES 90MM

Note: *irradiated

Description	Packaging	PK	Art. no.
R2A Agar	triple wrapped, irr.*	10 Plates	CP2029B1
Rose Bengal Agar	triple wrapped, irr.*	10 Plates	CP1011B1
Yeast Peptone Dextrose	triple wrapped, irr.*	10 Plates	CP1100B1





The Industry Standard for **GMP** Compliant Performance

ACTIVE AIR MONITORING



The HKM-III Portable Microbial Air Sampler is the industry standard for use in critical environments. This compact, yet sophisticated instrument is the preferred choice for the highest demands in microbial air monitoring, providing utmost accuracy and excellent, proven collection efficiency. The low particle generation complies with the requirements of ISO 14644 for use within ISO 5 controlled environments.

» Main Features

-  Sampling head with up to 589 impaction nozzles
-  Large-capacity memory, record >2000 sample data
-  Dual power supply mode, with built in rechargeable lithium polymer battery the working time could up to 15 hours
-  Retrieve recorded sampling data at any time through the sampler

» Technical Parameters

Sampling head impaction nozzle number: 589
Rechargeable lithium polymer battery: 6400 mA capacity
Sampling flow rate: 100L / min
Sampling head port flow rate: 0.38m/s
Automatic control sample volume: 10 – 6000L, minimum unit: 10L
Parameter settings records storage: 99
Sampling records storage: 2000
Applicable Petri dish: Φ 70 – 90 × 15 mm
Power Supply: AC 110 – 220V

HKM-III



HKM[®]
环凯微生物
HuanKai Microbial

COMPRESSED GAS SAMPLING FOR ENVIRONMENTAL MONITORING

Microbial air sampling devices are widely used in Pharmaceutical and Personal care industries as well as Food, Beverage and Environmental applications. Compressed gases are used at different stages of many industrial manufacturing processes, so microbial testing of compressed gas is an important part of contamination control programs. The CG-100A from HuanKai has taken the air sampling process to a new level with clear advantages for the users.



Built-in self-cleaning system cleans the internal tubes automatically to reduce the risk of internal contamination



Sampling by volume for higher accuracy and reproducibility



Utilizes standard 90mm agar plates which are easy to find and inexpensive



Full sampling traceability & LIMS connectivity

Max 8,000 pages complete data records



Rechargeable battery operated for remote sampling up to 6 Hrs <standard option>, max 24 Hrs <extra battery option>

CG100A



Technical Data

Material: Body - stainless steel ; Sampling Head - anodised aluminum

Flow rate: 100L/min

Air Flow: 10-100L/min, 0-1MPa

Sampling Volume: 10-6000L

Software to PC: Yes

Power Supply: 100-240V 50-60Hz

Display: LCD 122×32 pixels

Battery: 12.0V 4200mAh continuously work for 24hrs

Dimension: 26.5cm×23.5cm×31.5cm

Weight: 4.5Kg / 9.9 lbs

HuanKai® ENVIRONMENTAL MONITORING SOLUTIONS

Enhance your overall experience by exploring our range of solutions



Pharmaceutical



Food & Beverage



Cosmetics



Laboratory

For more information, please contact info@hkmbio.com

HKM

No. 788 ShenZhou Road, Science City,
Huangpu District, Guangzhou,
PR of China

huankaigroup.com



HKM® and the HuanKai company logo are registered trademarks of Guangdong HuanKai Microbial Sci. &Tech. Co., Ltd.