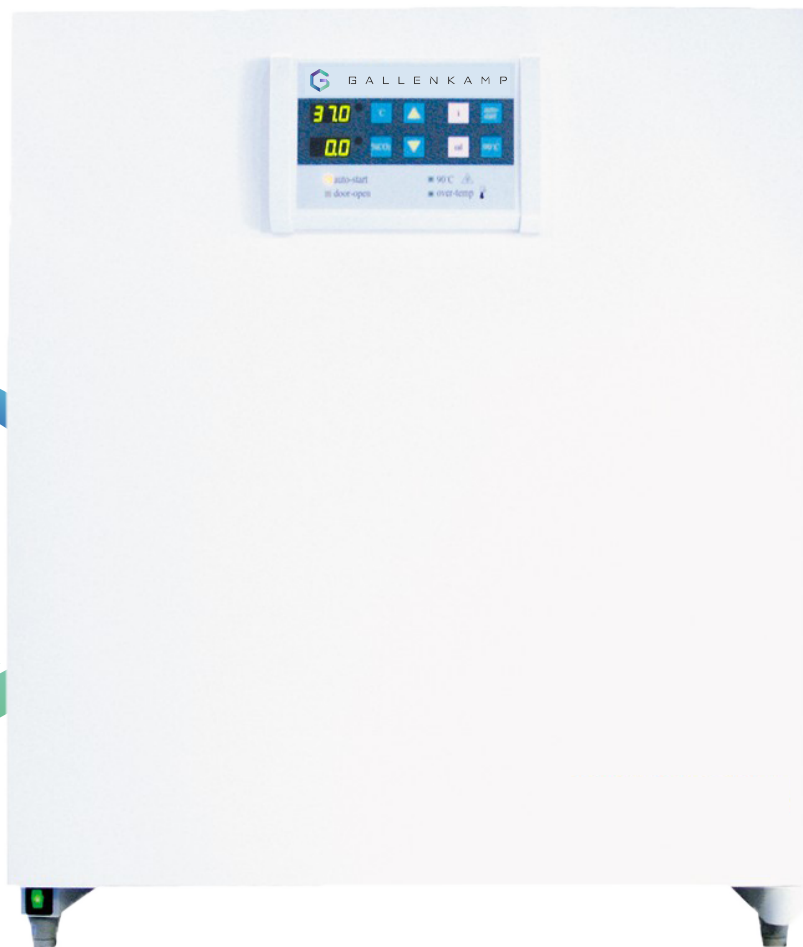


GALLENKAMP AIR JACKETED CO₂ INCUBATOR



G A L L E N K A M P

OVERVIEW

GK 240 (240 liters interior capacity) is a direct heat, air jacketed CO₂ incubator, with 90 moist heat decontamination system

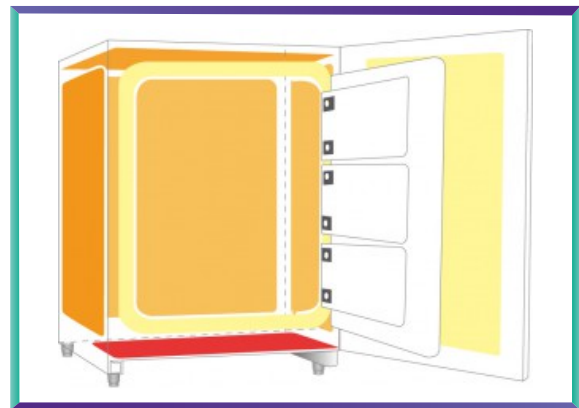
Key Points

- 90 decontamination system
- Completely safe for cell culture
- Environmental improvement with high precision
- Precise CO₂ control and immediate recover

OPTIMUM TEMPERATURE CONTROL

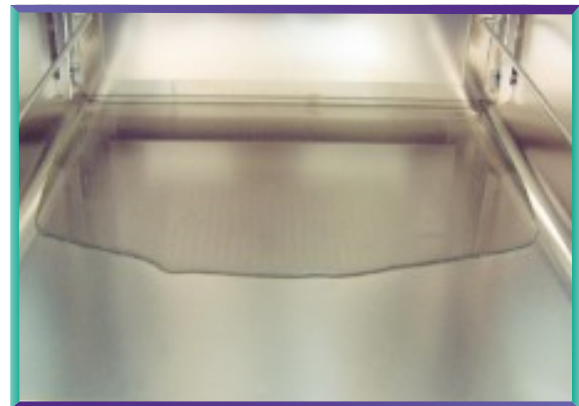
A reliable air jacketed heating system combined with PT1000 temperature sensors ensures high precision with homogenous heat distribution in the interior.

Outstanding dynamics ensure short recovery times and balance out any fluctuations caused by door open for Gallenkamp CO₂ incubators. This provide reliable protection at any time, particularly for sensitive cultures.



HUMIDITY GUARANTEE & CONDENSATION-FREE

The high air humidity prevents cell cultures from drying out and also keeps the osmolarity constant in the culture medium. With our CO₂ incubators, you can work with air humidity up to 95% while the internal walls remain completely dry (In order to prevent contamination, however, no condensation must occur). The patented tilted water reservoir system keeps the air humidity absolutely stable.



GOOD AIR QUALITY

All gas injection lines are filtered via HEPA filter to remove impurities and contaminants before being injected into the chamber. The HEPA filter is able to filter particles larger than 0.3µm at 99.998%.



EASY-TO-CLEAN DESIGN

The cleaning process is significantly simplified by Gallenkamp's unique, seamless, deep-drawn interior chamber, which reduces any areas where contamination could accumulate. Heal Force incubators offer the best usable-space-to-volume ratio due to the total absence of any additional fittings in the interior chamber



DIVIDED, INNER GLASS DOOR

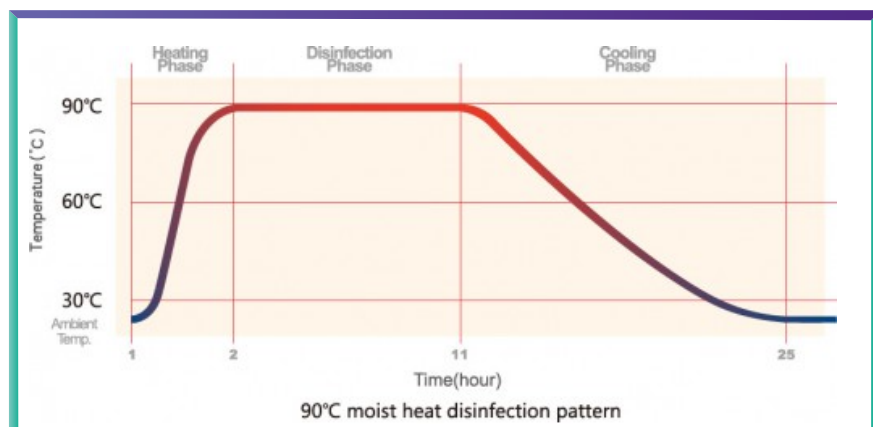
Six half-size sealed inner glass doors (GK240) maintain stable climatic conditions, minimizes any changes to the humidity, heat and gas concentration, shortens recovery times significantly and also further reduces the risk of contamination. This makes it possible for several users to work with the same equipment



SAFE FOR CULTIVATION

Cell cultivation in particular is a highly sensitive process in which bacteria, viruses, fungal spores and mycoplasmas can destroy valuable cultures or distort test results, causing more work. Heal Force solves this problem using a unique design and effective method to ensure sterile conditions.

GK240 is equipped with 90 moist heat disinfection system. The validated overnight sterilization cycle ensures reliable destruction of germs that could interfere with your work and requires no extra work, such as removal of interior fittings. Mycoplasma is 100% eliminated in a routine disinfection cycle.



Code	Capacity, L	Sensor Type	External Dimensions WxHxD mm	Internal Dimensions WxHxD mm
GK90-3EM	151L	Air jacketed CO2 incubator	637x762x909	470x530x607
GK100-EX1H	151L	Air Jacketed Tri-gas incubator (high Oxygen)	637x768x869	470x530x607
GK100-EX1L	151L	Air Jacketed Tri-gas incubator (Low Oxygen)	637x768x869	470x530x607
GK100-EXOT	151L	Air Jacketed Tri-gas incubator (TCD CO2 sensor)	637x768x869	470x530x607
GK100-EX01	151L	Air Jacketed Tri-gas incubator (IR CO2 sensor)	637x768x869	470x530x607
GK151UV	151L	Air jacketed CO2 incubator with UV disinfection	615x768x865	470x530x607
GK212UV	212L	Air Jacketed CO2 incubator with UV disinfection	910x763x795	600x588x600
GK240-EX	240L	Air jacketed CO2 incubator with 3 standard shelves	780x820x944	607x583x670
GK240-EXA6	240L	Air jacketed CO2 incubator with 6 half shelves	780x820x944	607x583x670

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