# GALLENKAMP
# WATER JACKETED CO$_2$ INCUBATOR



G GALLENKAMP

## OVERVIEW

GK160W is a water jacketed $CO_2$ incubator, with HEPA filtration system
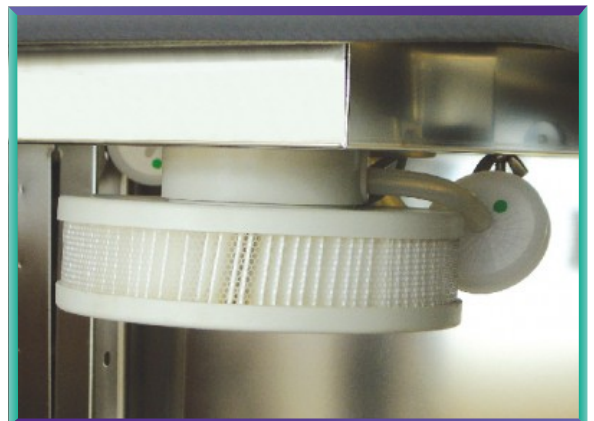
Key Points
- 185L interior capacity
- HEPA filter to guarantee Class 100 air quality
- AUTO-ZERO/AUTO-START function
- Humidity display and alarm system

## WATER-JACKETED

The large size Gallenkamp GK160W $CO_2$ incubator incorporates a water jacketed system. Because of the heat retention characteristics of water, there is no sudden temperature change in the event of an unexpected power failure. A stable temperature enviroment is ensured.
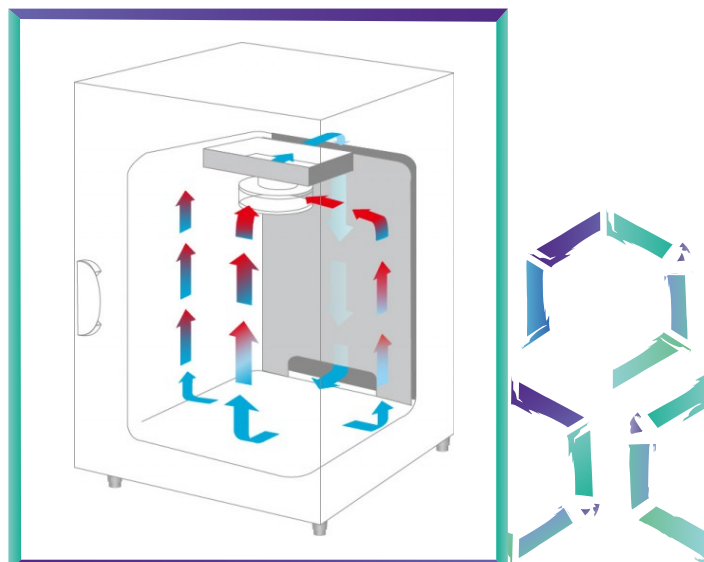
## HEPA FILTER

GK160W applies long term effectiveness of the HEPA filter to protect your cultures. The filter is very efficient to entrap particulates larger than 0.3μm at 99.97%. The HEPA filter system runs continuously and within every 60 seconds, the volume of entire chamber is disinfected. With help of HEPA filter, the air quality achieves Class 100 clean room levels within 5 minutes following a door opening.



## AIRFLOW SYSTEM

Optimized air flow system ensures the temperature and $CO_2$ concentration to be stable and uniform within the chamber.
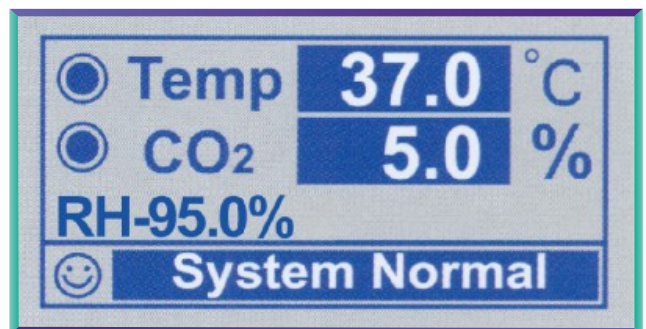
## AUTO-ZERO/AUTO-START

GK160W combines precise $CO_2$ control with a choice of TC or IR sensors. The microprocessor will automatically "Zero" the incubator (IR type) using room air as a reference every 24 hours. Auto-start function for TC type ensures the sensor's beseline automatically reset without manual adjustment. These features will maintain an accurate $CO_2$ control without worrying about $CO_2$ drift.

## HUMIDITY DISPLAY AND ALARMING SYSTEM

GK160W is able to create a high humidity environment and the relative humidity (RH) is displayed on the panel, readable in 0.1% increments, including low RH programmable alarm (alerts you of need to add water)

| Code | Capacity, L | Sensor Type | External Dimensions WxHxD mm | Internal Dimensions WxHxD mm |
|---|---|---|---|---|
| GK-160WEX | 185L | IR | 655x656x1030 | 544x504x681 |
| GK-160WEXT | 185L | TCD | 655x656x1030 | 544x504x681 |

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