

# DiviCell Multiroom Incubator DCI-100



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## ***Introduction***

The DiviCell Multiroom Incubator is an advanced solution for embryo culture, featuring 10 independent chambers to prevent cross-contamination. Its design ensures minimal disturbance to neighboring chambers, maintaining a stable environment even during lid opening and closing.

## ***Product Features***

**1. Smarter and easier to manage-embryos safer:** early warning reminders can be set for the lifespan of HEPA/VOC filters and O<sub>2</sub> sensors.

When parameters such as temperature, gas concentration, gas flow rate, etc. exceed the limit value, the opening of the chamber lid times out, or the sensor fails, an alarm reminder is activated.

The operation panel displays real-time temperature, gas concentration, operating status and other information; special information of the warehouse samples can be noted, and the notes can be cleared with one click.

Chamber temperature, gas concentration and flow rate data, operations such as opening and closing the chamber, calibration, and parameter setting changes can be recorded and reviewed.

Account level permission management to avoid accidental changes to important settings.

The temperature and gas dual systems are independently controlled, and the chamber heating and gas preheating do not interfere with each other.

**2. Friendly design, efficient and energy-saving:** With a single-person, single-chamber design, a single device can hold 10 patient samples, and multiple devices can be stacked on customized racks, resulting in higher space utilization.

The magnetic adsorption compartment cover design ensures air tightness and is easy to open and close the compartment.

The gas sampling port and consumables are installed on the right side of the machine body, making daily inspection and replacement more convenient.

Pure gas is used, and the average gas consumption per warehouse is low, so the overall gas cost is greatly reduced.

Dry culture prevents humidity fluctuations from affecting the culture effect and reduces daily cleaning steps.

## ***Technical Specifications***

Model	DCI-100
Exterior Dimensions and Weight	721×586×143mm 38kg
Chambers'number & capacity	10×400ml
Ambient temperature	18~30℃
Power supply	220V AC, 50Hz, 450W
Temperature control range	25~42℃ (7℃ above ambient temperature)
Temperature control accuracy	±0.1℃
Gas Control Range	CO <sub>2</sub> 2%~10%, O <sub>2</sub> 2%~20
Gas Control Accuracy	±0.1%

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