

ALWAYS EVOLVING  
**ALWAYS PUSHING**  
ALWAYS DELIVERING



CONDOCELL®

**BAKER**

[www.bakerco.com](http://www.bakerco.com)

# CONDOCELL<sup>®</sup> PROVIDES LUXURY ACCOMMODATION FOR CELLS

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## **Physiological**

Condocell<sup>®</sup> maintains key environmental conditions your cells require for survival when threatened by ambient conditions from outside of the culture environment (e.g. incubator door openings)

## **Protection**

Mitigate the risk of cross contamination between cultures and from room air particulates

## **Portable**

Allows for limited transport to/from an incubator or workstation while maintaining the culture environment



# THE CONDOCELL® SYSTEM

Each of our unique solutions may be utilized separately or in conjunction with one another to improve results, based on the needs of your research

## CONDOCELL® • ATMOSPHERE CIRCULATION UNIT (ACU) • RAPID PURGE UNIT (RPU)

Max no. of Condos which can be driven by each ACU: 6

### CONDOCELL® Contaminant-free and controlled, air-tight culture vessel

- Mass: 1.6kg
  - 1x T75 Flask
  - Up to 6x T25 Flask
  - Up to 3x 90 mm Cell Culture Dish
  - Up to 3x 96 Well Plate\*
  - Up to 2x 12 Well Plate\*
- [based on typical culturing vessels]
- External dimensions: 65 x 150 x 278 mm (H x W x D)
  - Internal dimensions: 53 x 105 x 180 mm (H x W x D)



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	RETENTION TIME
TEMPERATURE (WITHIN 2°C)	20 MIN
HUMIDITY (WITHIN 2%)	60+ MIN
CO <sub>2</sub> (WITHIN 0.2%)	30 MIN
O <sub>2</sub> (WITHIN 0.2%)	30 MIN

### ATMOSPHERE CIRCULATION UNIT (ACU) Breathes and distributes the culture environment to the Condos

- Mass: 1.1kg
- Door timer delay: 0-60 minutes
- Mains Power: 8W
- Incubator Door Sensors: up to 4
- Mains Supply: 100-240 V<sub>AC</sub> 50/60Hz
- Flow rate: 20 mL/minute
- Volume exchange rate: 1 exchange per hour
- Dimensions: 60 x 238 x 228 mm (H x W x D)



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### RAPID PURGE UNIT (RPU) Reduces oxygen concentration in a Condo

- Mass: 600g
- Mains Power: 3W
- Mains Supply: 100-240 V<sub>AC</sub> 50/60Hz
- Reduce to 1% O<sub>2</sub> in less than 1 minute
- Dimensions: 125 x 170 x 115 mm (H x W x D)



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# KEY FEATURES

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Clear lid and base allows up to 20X microscopy without disrupting the culture environment

Easy to clean and sterilize

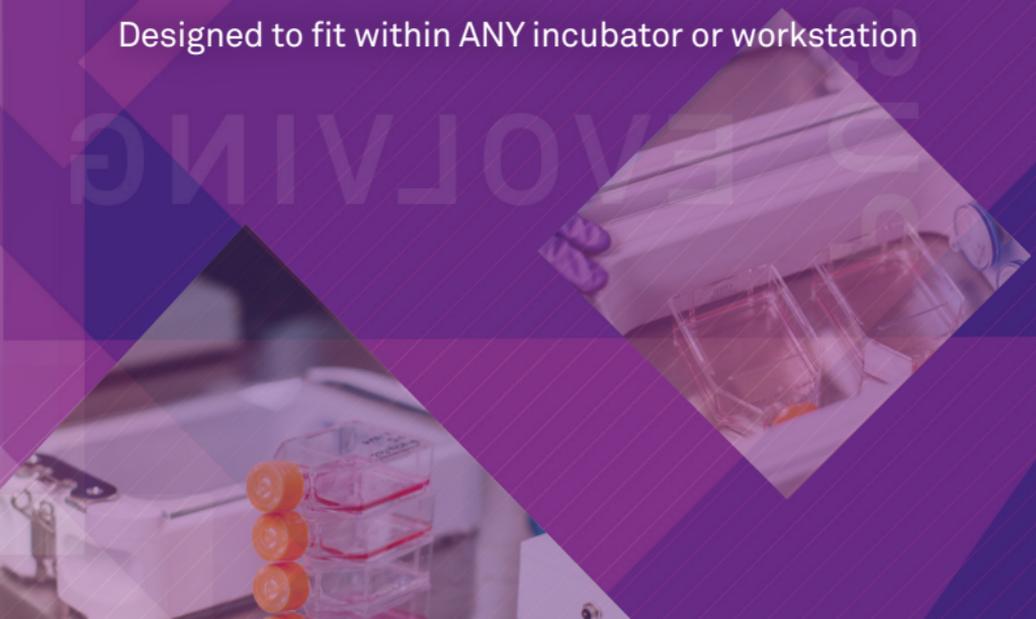
Filtered, protected and contained environment

Increased productivity – researchers can now co-work within a single workstation

Ideal for continuous physoxia / hypoxia studies

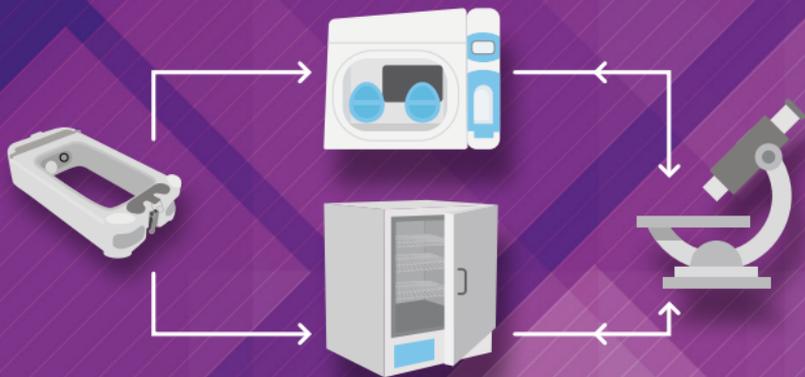
Increases long term storage capacity when coupled with a workstation and incubator

Designed to fit within ANY incubator or workstation



# BETTER MIMIC CELL PHYSIOLOGY

A complete solution for physiological cell culture when used in conjunction with Baker Ruskin's InvivoO<sub>2</sub> workstation



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