

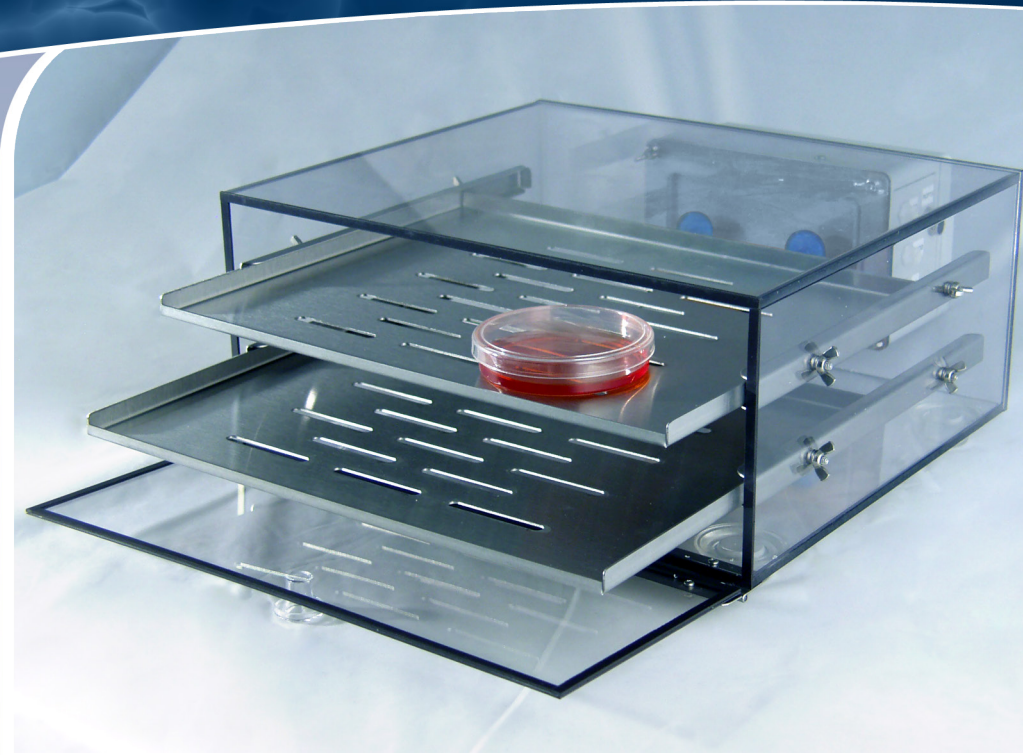


CytoCentric Products

# C-Chamber

Incubator Subchamber

- Optimized for gas efficiency
- Fast recovery time
- Four standard sizes
- No complicated “flushing” procedures
- Magnetically sealed door - no latches!
- Disassembles for easy cleaning and decontamination
- Humidity pan provided



Provides Controlled, Isolated Environments for Your Incubator

### MULTIPLE EFFICIENCIES

The C-Chamber is the foundation of the cyto-centric subchamber cell culture system. It is functionalized by any of our gas controllers (for all bioactive gases, e.g. O<sub>2</sub>, CO<sub>2</sub>, CO, NO, etc.)

### EASY TRANSPORT

The C-Chamber’s space-efficient design allows you to culture as few or as many plates as you require in precise conditions with minimal gas usage. Extreme oxygen levels consume large amounts of gas in a full incubator or glovebox chamber.

### OPTIMIZATION & PROTECTION IN STANDARD INCUBATORS

After the door is closed, our gas controller(s) will quickly restore the atmosphere inside the C-Chamber to your pre-programmed settings, minimizing the time your cells are exposed to room oxygen levels. If used with a cyto-centric superchamber system, exposure to room oxygen levels is removed entirely.

### PRACTICAL FOR INCUBATORS

Chamber trays, water pan, guides and hardware are all made of 300 series stainless steel. The chamber is made of clear polycarbonate and the door seal is magnetic. Temperature is controlled by the host incubator.



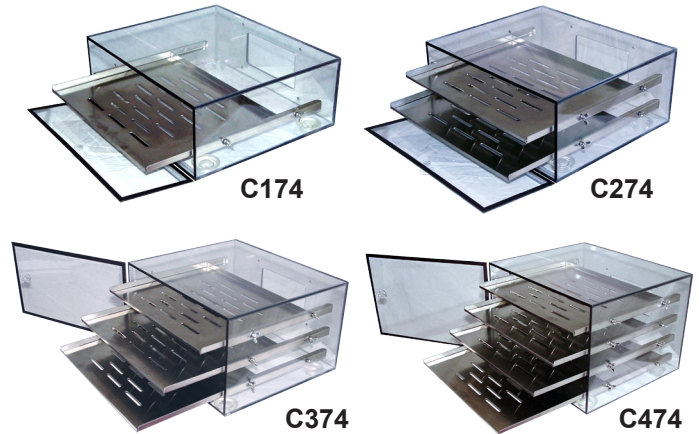
C-Chamber sits inside your incubator, and is connected to the controller which sits outside the incubator. C-Chamber can be removed from incubator and transported to remote locations without risk of disruption or contamination of cells inside.

## How It Works



The C-Chamber works with almost every BioSpherix controller. The universal cutout accommodates control from independent CO<sub>2</sub> (ProCO2 P120), to independent O<sub>2</sub>/CO<sub>2</sub> (ProOx C21, ProOx P110 and ProCO2 P120), to dynamic O<sub>2</sub> (OxyCycler C42, OxyCycler GT41), and even the gasotransmitters CO and NO (OxyCycler GT81CN, OxyCycler GT81C, OxyCycler GT81N).

## Options

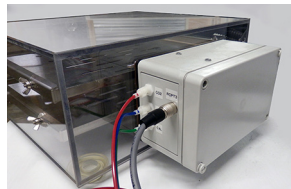
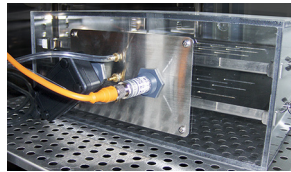
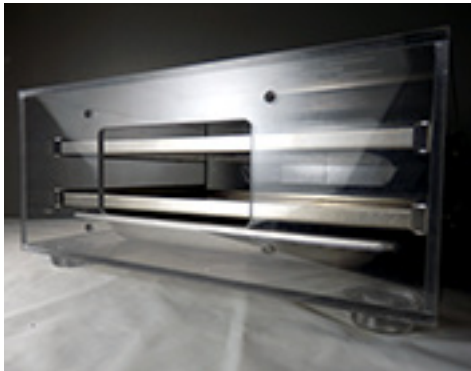


**C-Chambers are stocked in the following sizes:**

| Part Number | Description     | Size (Outer Dimensions) |
|-------------|-----------------|-------------------------|
| C174        | 1-shelf chamber | 14"W x 13"D x 5.25"H    |
| C274        | 2-shelf chamber | 14"W x 13"D x 6"H       |
| C374        | 3-shelf chamber | 14"W x 13"D x 8"H       |
| C474        | 4-shelf chamber | 14"W x 13"D x 10"H      |

Each tray has a usable surface area for plates of 12.75" x 10.25" with a 2" clearance above the tray for stacking plates (multiple tray chambers only).

## Installation



Chambers have universal mounting cutouts for all BioSpherix controllers' adapter plates and pods. Simply line the adapter plate or pod up with the cutout and secure with thumbscrews.

All internal parts are stainless steel and can be disassembled and autoclaved.



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