

ALWAYS EVOLVING  
**ALWAYS PUSHING**  
ALWAYS DELIVERING



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At Baker Ruskinn we believe that with remarkable minds and exceptional tools, we can achieve great things.

We know these kinds of breakthroughs are rarely made overnight. We know it can take years of hard work and dedication. We know you rely on us to make sure every detail is perfect. That's why all our products are designed with precision craftsmanship and rigorously tested.

**Together we can make more than  
a difference; we can make history.**



# PHO<sub>2</sub>X BOX INFO

XXXXXXXXXXXX

PhO<sub>2</sub>x Box is comprised of a Gas Controller and Cell Culture Chamber, and is designed for in vivo cell cultures using plates and small flasks, not live animals. The Cell Culture chamber module can be placed into any incubator, and the Gas Controller remains outside. PhO<sub>2</sub>x Box can accommodate a range of 6,12,24,96 well plates and some smaller flasks.

# KEY POINTS

- Easy set up
- Adjustable flow rate for compressed Air/O<sub>2</sub>, CO<sub>2</sub> and N<sub>2</sub> gases to speed up/decrease ramping times
- Easy navigation software for steady state incubation or cycling (up to 4 different O<sub>2</sub> and CO<sub>2</sub> levels are pre-programmable)
- Range O<sub>2</sub>: 0.3%-18.5% (using compressed air) but can use O<sub>2</sub> up to 25%, sensor accuracy +/- 0.1%, to be confirmed
- Range CO<sub>2</sub>: 0.3-20%
- PhO<sub>2</sub>x Box comes in 2 sizes: 340 x 300 x 460 mm or 360 x 230 x 300 mm (W x D x H), external dimensions
- On screen data log displaying time/date/O<sub>2</sub> set point/O<sub>2</sub> value/CO<sub>2</sub> set point/CO<sub>2</sub> value (most recent 7 days)
- On screen warning that the data must be downloaded and no more data can be displayed
- Gas Controller version which has an air pump intake thereby obviating the need for a compressed Air cylinder, so user only has to source N<sub>2</sub> and CO<sub>2</sub> gases
- There is a small filter over the air intake
- Removable shelf if user has larger flasks
- Smaller PhO<sub>2</sub>x Box model fits neatly into CO<sub>2</sub> incubator shelving

# PRODUCT INFO

## SMALL CHAMBER EXTERNAL DIMENSIONS

MM

IN

WIDTH

340

13.39

DEPTH

300

11.81

HEIGHT

160

6.30

## LARGE CHAMBER EXTERNAL DIMENSIONS

MM

IN

WIDTH

360

14.17

DEPTH

300

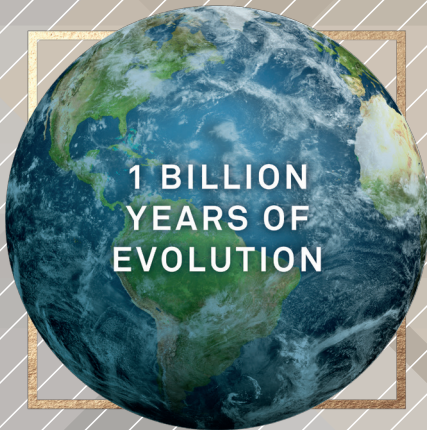
11.81

HEIGHT

230

9.06

CULTURE  
NOW YOU CAN CULTURE  
AS NATURE INTENDED  
WELCOME TO OUR WORLD OF PHYSOXIA



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