ALWAYS EVOLVING

ALWAYS PUSHING

ALWAYS DELIVERING

BAKER RUSKINN

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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.

OXYGENIUS INFO

Since 1998 Baker Ruskinn have been working with pioneering scientists around the world to make breakthroughs in cell research.

Over those years researchers have devoted their lives to advancing knowledge and understanding of the way cells behave. And that means from day one you have to be confident that your results can be trusted. If it's got to be right, then it's got to be Baker Ruskinn.

Our latest innovation, OxyGenius, your entry into Physoxia!

OxyGenius is a mobile low oxygen environment for cell biology research. A miniaturized incubation platform, OxyGenius delivers researchers with a small, portable and continuous physoxic (or hypoxic) environment for short term physiological oxygen and temperature controlled studies.

OxyGenius is ideal for conducting high resolution microscopy or irradiation under physiological oxygen in vivo like conditions, further extending the time in which your cells can be exposed to in vivo-like cell growth conditions. OxyGenius is a key tool for use in proof-of-concept or start-up validation for physiological cell culture within your lab, with minimal risk.

All life science related research can now utilize technology delivering controlled, physiologically relevant conditions at an economical price! Get results equivalent to research carried out within an Invivo$_2$ workstation with OxyGenius.

KEY POINTS & CONSUMABLES

KEY POINTS

- Compact, continuous hypoxic/physoxic environment
- Ideal for short term hypoxia studies
- Plug & play in just a few steps
- Benchtop working with easy storage
- Easy access for researchers looking to carry out short term experiments
- Portable tool, ideal for specific research
- Compliments long term studies (in a workstation)
- Useful for shared equipment such as microscopes, electron microscopy sample preparation
- Irradiation compatible (needs to be uncoupled from OxyGenius before treatment)
- Adherent & Non-adherent cultures *dependent on culture vessel
- Utility with non-O_2 culture
- Precision delivery of gas
- Portable physoxia/hypoxia (up to 2 hours battery life)
- Facilitates non-disruptive bench top high resolution live cell imaging under physoxia/hypoxia

CONSUMABLES

- Silicone cell culture well
- Microscope coverslip glass
- Lid
- Sealing ring
- Premixed gas canister (at desired O_2 and CO_2 concentrations)
- Specialized regulator to fill mini bottles with desired gas

PRODUCT INFO

EXTERNAL DIMENSIONS	MM	IN
WIDTH	390 (+ HANDLES 20MM)	15.4 (+ HANDLES 0.8IN)
DEPTH	300	11.8
HEIGHT	170	6.7

GAS CONTAINER	6 HOURS	
BATTERY LIFE	2 HOURS	

CULTURE

NOW YOU CAN CULTURE AS NATURE INTENDED

WELCOME TO OUR WORLD OF PHYSOXIA

AS NATURE INTENDED

PHYSOXIA

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