

# Reveal Cellular Pathways

## INVIVO<sub>2</sub> 1000 Hypoxia Workstation

The Ruskinn range of hypoxia workstations has been designed to replicate low oxygen “in vivo” physiology providing the ideal research platform for cell biologists and cancer researchers.

### Two Independent Environments

Features two work chambers, each with its own Gas Mixer Q to allow independent control of O<sub>2</sub>, CO<sub>2</sub>, temperature and humidity

### Optimum Working Capacity using Minimum Bench Space

890 x 10cm plate capacity (445 per work chamber)

### Rapid Sample Transfer

Interlock transfers 78 x 10cm plates in 3.5 minutes

### Direct-Hand Access into Workstation

Using convenient cuff & sleeve system (Ezee Sleeve™)

### Low Gas Consumption

Designed to work with Nitrogen for economical running costs

### Safe Working Environment

VOC filtration tested and validated

### Accurate Oxygen Control

Oxygen stability from 0.0% (anoxia) to 20.9% (ambient) in 0.1% increments with one touch sensor calibration

### Accurate CO<sub>2</sub> Control

CO<sub>2</sub> stability from 0.0% to 30.0% in 0.1% increments

### Cycle Programming

Allows a user-defined timed sequence of up to 4 different O<sub>2</sub> and CO<sub>2</sub> concentrations

### Accurate Temperature Control

Incubation control from Ambient + 5°C to 45°C

### Accurate Humidity Control

Option of ultrasonic humidity system to give precise environmental control and low contamination risk

### Imaging Ready

Please ask about imaging options

innovation in incubation

## Product Specifications

### Workstation Fabrication

- Solvent Bonded Acrylic

### Bench Space Requirements

- Height of Unit (excluding stand) 31"
- Width of Unit (including GMQs) 118"
- Depth 28"

### Internal Workstation Dimensions

- Height 18"
- Width 31"
- Depth 19"
- Maximum Capacity 1200 x 10cm Plates  
(600 per work chamber)
- Working Capacity 890 x 10cm Plates  
(445 per work chamber)

### Workstation Weight

- Weight approx. 440 lbs

### Interlock Dimensions

- Height 11"
- Width 12"
- Depth 11"
- Maximum Capacity 78 x 10cm Plates

### Interlock Cycle Time

- 3.5 Minutes

### Atmosphere Control

- Temperature Ambient + 5°C - 45°C
- Humidity Control Ambient - 85% RH
- O<sub>2</sub> Control 0.0% - 20.9%
- CO<sub>2</sub> Control 0.0% - 30.0%
- Activated Carbon Filtration System

### Standard Accessories

#### Workstation

- Gas Mixer Q
- Removable Front Panel
- Internal Mains Socket
- Single Plate Entry System
- Direct-hand Access using Ezee Sleeve™ System
- Detox Sachet
- Energy Saving Fluorescent Lamp
- Internal Halogen Spot Lamp
- 2 Wire Racks

#### Gas Control Software

- USB Communications Port
- 7 Days Continuous Storage of Event Log Data
- One Touch Calibration (O<sub>2</sub>)
- On-Screen Fault Assistance
- Cycle Programming

### Alarms

- Temperature - Visual and Audible
- Humidity - Visual
- Gas Low Pressure - Visual and Audible

### Optional Accessories

- Cable Gland Port
- Vacuum Line Port
- Gas Sample Port
- Ultrasonic Humidification System
- Workstation Stand
- Catalyst Sachet
- Anaerobic Indicator Strips
- Gas Tank Regulators
- Gas Tank Filter Modules
- Data Logging Connection

### Gas Supply

- Up to 4 Separate Cylinders: H<sub>2</sub>/N<sub>2</sub>; CO<sub>2</sub>; N<sub>2</sub>; Air

# INVIVO<sub>2</sub> 1000

## Hypoxia Workstation

The Ruskinn brand was founded in 1993 and rapidly became established as one of the world's leading suppliers and manufacturers of anaerobic and modified atmosphere workstations. Ruskinn's purpose built factory is located within the Sony Technology Centre near Pencoed in South Wales, UK. Ruskinn's range of high quality workstations is available worldwide through a global network of carefully selected distributors.



INVIVO<sub>2</sub> 200  
Your Personal Workstation



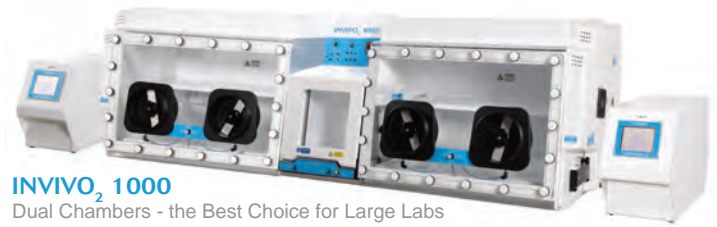
INVIVO<sub>2</sub> 300  
Compact Workstation - Larger Interlock



INVIVO<sub>2</sub> 400  
Our Most Popular Workstation



INVIVO<sub>2</sub> 500  
Facilitates Transfer of Small Equipment



INVIVO<sub>2</sub> 1000  
Dual Chambers - the Best Choice for Large Labs



SCI-TIVE  
Total In Vitro Environment  
Our Most Advanced Workstation  
Imaging ready system, also features HEPA filtration



Gas Mixer Q  
Standard on all INVIVO<sub>2</sub>  
Workstations  
(Integrated on SCI-TIVE)

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Baker BioScience Solutions  
The Baker Company, Inc.  
P.O. Drawer E  
161 Gatehouse Road  
Sanford, Maine 04073 USA  
sales@bakerbioscience.com  
www.bakerbioscience.com

 **RUSKINN**  
TECHNOLOGY LTD