

# Reveal Cellular Pathways

## INVIVO<sub>2</sub> 400 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.

↻ **Optimum Working Capacity using Minimum Bench Space**

470 x 10cm plate capacity

↻ **Rapid Sample Transfer**

Interlock transfers 39 x 10cm plates in 45 seconds

↻ **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

innovation in incubation

## Product Specifications

### Workstation Fabrication

- Solvent Bonded Acrylic

### Bench Space Requirements

- Height of Unit (excluding stand) 30"
- Width of Unit (including GMQ) 56"
- Depth 28"

### Internal Workstation Dimensions

- Height 18"
- Width 31"
- Depth 19"
- Maximum Capacity 620 x 10cm Plates
- Working Capacity 470 x 10cm Plates

### Workstation Weight

- Weight approx. 220 lbs

### Interlock Dimensions

- Height 10"
- Width 4"
- Depth 11"
- Maximum Capacity 39 x 10cm Plates

### Interlock Cycle Time

- 45 Seconds

### 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
- 1 Wire Rack

#### 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
- Power Failure Back up System
- 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> 400

## 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)

**BAKER** BioScience Solutions

Sold exclusively in the United States by Baker BioScience Solutions  
A Division of The Baker Company, Inc.

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