

Reveal Cellular Pathways

INVIVO₂ 500 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**
440 x 10cm plate capacity

↻ **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 CO₂ Control**
CO₂ stability from 0.0% to 30.0% in 0.1% increments

↻ **Cycle Programming**
Allows a user-defined timed sequence of up to 4 different O₂ and CO₂ 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

↻ **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) 30"
- Width of Unit (including GMQ) 68"
- Depth 28"

Internal Workstation Dimensions

- Height 18"
- Width 31"
- Depth 19"
- Maximum Capacity 600 x 10cm Plates
- Working Capacity 440 x 10cm Plates

Workstation Weight

- Weight approx. 300 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
- O₂ Control 0.0% - 20.9%
- CO₂ 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 (O₂)
- 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: H₂/N₂; CO₂; N₂; Air

INVIVO₂ 500

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.



INVIVO₂ 200
Your Personal Workstation



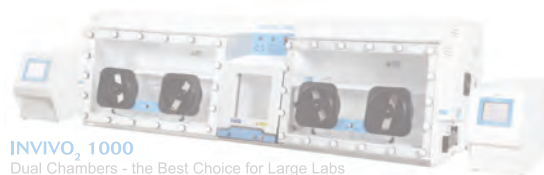
INVIVO₂ 300
Compact Workstation - Larger Interlock



INVIVO₂ 400
Our Most Popular Workstation



INVIVO₂ 500
Facilitates Transfer of Small Equipment



INVIVO₂ 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 INVIVO₂
Workstations
(Integrated on SCI-TIVE)

BAKER BioSCIENCE SOLUTIONS

Sold exclusively in the United States by Baker BioScience Solutions
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