

Reveal Cellular Pathways

INVIVO₂ 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 90mm plate capacity

↻ **Rapid Sample Transfer**
Interlock transfers 39 x 90mm 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 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

Product Specifications

Workstation Fabrication

- Solvent Bonded Acrylic

Bench Space Requirements

- Height of Unit (excluding stand) 750mm
- Width of Unit (including GMQ) 1420mm
- Depth 720mm

Internal Workstation Dimensions

- Height 480mm
- Width 800mm
- Depth 500mm
- Maximum Capacity 620 x 90mm Plates
- Working Capacity 470 x 90mm Plates

Workstation Weight

- Weight approx. 100kg

Interlock Dimensions

- Height 260mm
- Width 120mm
- Depth 280mm
- Maximum Capacity 39 x 90mm Plates

Interlock Cycle Time

- 45 Seconds

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
- Power Failure Back up System
- Data Logging Connection

Gas Supply

- Up to 4 Separate Cylinders: H₂/N₂; CO₂; N₂; Air

INVIVO₂ 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.



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)

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