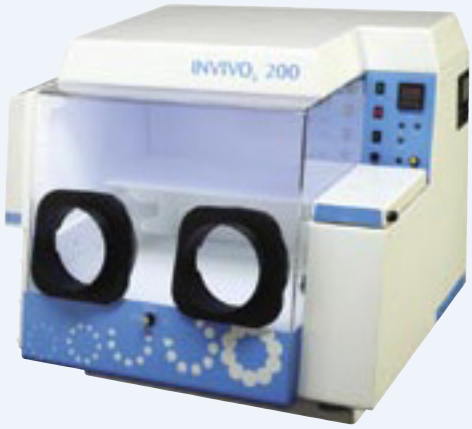
HYPOXIC AND ANOXIC
WORKSTATIONS

RUSKINN
TECHNOLOGY LTD

INVIVO$_2$ 200
YOUR PERSONAL WORKSTATION



"There's no better way to start hypoxia studies"

Many of the world's leading researchers started their hypoxia studies using the Ruskinn INVIVO$_2$ 200. Updated and packed with advanced features, this compact entry-level system represents an affordable step forward to controlled anoxia or hypoxia studies by providing excellent stability and unrivalled features.

KEY FEATURES & BENEFITS

Oxygen control in 0.1% increments for stable hypoxic environments

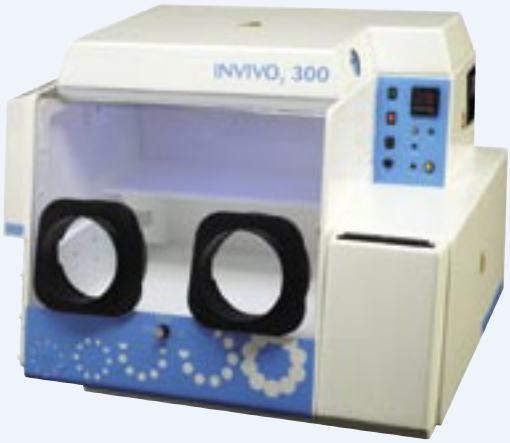
Rapid interlock transfer of 10 plates in 15 seconds

Efficient gas consumption for economical running costs

INVIVO$_2$ 200

FROM PERSONAL TO HIGH END RESEARCH -

INVIVO$_2$ 300
MORE ROOM TO MANOEUVRE



"Flasks, bottles - no problem with my INVIVO$_2$ 300"

A larger interlock means that there is more room to manoeuvre plates and flasks in the new INVIVO$_2$ 300. Based on feedback from the best selling INVIVO$_2$ 200, the INVIVO$_2$ 300 is sure to become a standard in its own right.

KEY FEATURES & BENEFITS

Larger interlock for the transfer of flasks and small equipment

Rapid interlock transfer of 20 plates in 35 seconds

Single plate entry system to allow the direct introduction of individual plates without interlock system

INVIVO$_2$ 300

RUSKINN TECHNOLOGY LTD

Modern science is moving forward at an incredible pace. Ruskinn Technology Ltd provides both microbiologists and medical researchers with the advanced gas controlled workstations they need to increase productivity without compromising quality.

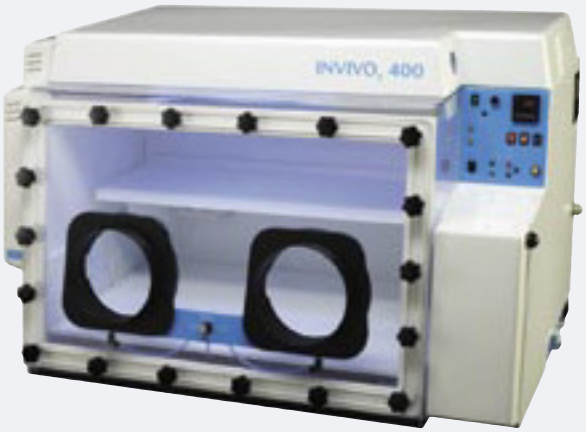
Our world leading product portfolio includes anaerobic, microaerophilic and hypoxic workstations providing controlled environments for a wide range of applications.

Already we have over 1000 installations in more than 40 countries. However, it is not in Ruskinn's nature to stand still. We invest heavily in R&D and are continuously refining and extending our portfolio to meet the changing and varied needs of our customers.

This brochure features the Ruskinn INVIVO$_2$ range of hypoxic workstations which allow you to study even the most complex cell interactions under perfect hypoxic or anoxic conditions. Oxygen, temperature and humidity can be precisely controlled to create the perfect environment for all experiments. The advanced ergonomic design then enables rapid single plate loading, comfortable hand access and flexible use of a wide range of accessories.

CREATING THE RIGHT ATMOSPHERE

INVIVO$_2$ 400
THE FLEXIBLE SOLUTION



"Whatever I'm working on next, the INVIVO$_2$ 400 can cope"

The Ruskinn INVIVO$_2$ 400 has been designed to meet the changing needs of medical researchers. Environments can be easily modified and accessed with minimal cell stress.

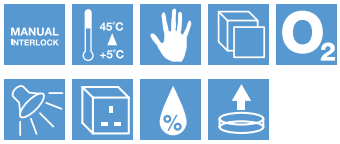
KEY FEATURES & BENEFITS

Large work area with oxygen control for stable and precise hypoxic in vivo conditions

Rapid transfer of 45 plates in 45 seconds

Convenient pull-out shelf and removable front for easy access and cleaning

INVIVO$_2$ 400



INVIVO$_2$ 500
EASY ACCESS GUARANTEED

"It's easy to move plates, flasks and equipment in and out of my INVIVO$_2$ 500"

If your work involves a lot of flasks and bottles, or even small pieces of equipment, the Ruskinn INVIVO$_2$ 500 provides the answer. The larger interlock makes it much simpler to move vessels in and out.

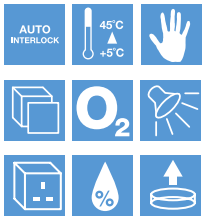
KEY FEATURES & BENEFITS

Fully automated interlock for rapid transfer of up to 100 plates and flasks

Larger working area to incubate large numbers of plates or handle small pieces of equipment

Halogen spot lamp for close inspection of samples

INVIVO$_2$ 500



INVIVO$_2$ 1000
THE ULTIMATE CHOICE

"This INVIVO$_2$ 1000 matches our every requirement – and more"

If you are looking for the ultimate in flexibility, the Ruskinn INVIVO$_2$ 1000 provides the answer. The INVIVO$_2$ 1000 was developed in conjunction with leading research institutes.

KEY FEATURES & BENEFITS

Dual chamber for multi-user access and parallel experiment set ups

Fully automated central interlock transfer 100 plates in 3.5 minutes

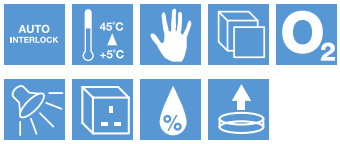
Available as a dual hypoxic or hypoxic/anoxic workstation to ensure your exact requirements are met

Removable front panels for easy loading and cleaning

Internal mains socket for powering accessories

Automated humidity control for optimum cell conditions

INVIVO$_2$ 1000



PRODUCT SPECIFICATION SUMMARY

INVIVO$_2$	I 200	I 300	I 400	I 500	I 1000
Bench Space (mm)					
Width	1100	1160	1420	1720	3000
Height	650	650	750	750	780
Depth	660	660	720	720	720
Workstation Dimensions (mm)					
Width	500	500	800	800	800
Height	420	420	480	480	480
Depth	460	460	500	500	500
Maximum Plate Capacity	200	200	400	500	1000
Interlock Dimensions (mm)					
Width	100	150	120	320	320
Height	200	200	260	300	300
Depth	100	230	280	300	300
Interlock Cycle Time	15s	35s	45s	3.5min	3.5min
Interlock Capacity (plates)	10	20	45	100	100
Interlock Outer Door Operation	Manual	Manual	Manual	Automatic	Automatic
Weight	65Kg	75Kg	100Kg	140Kg	200Kg
Minimum Incubation Temp	Ambient +5°C				
Maximum Incubation Temp	45°C				
Gas Supply	Up to 4 separate cylinders, H2/N2; CO2; N2; Air				
Workstation Fabrication	Solvent bonded Acrylic				
Workstation Illumination	✔	✔	✔	✔	✔
Inspection Spotlamp	✔	✔	✔	✔	✔
Automated Humidity Control	✔	✔	✔	✔	✔
Ezee Sleeve™ barehand system	✔	✔	✔	✔	✔
Palladium Catalyst	O	O	O	O	O
Detox	✔	✔	✔	✔	✔
Petri Dish Holders	3	3	3	10	20
Wire Racks	N/A	N/A	1	2	4
Anaerobic Strips	O	O	O	O	O
Removeable Front	N/A	N/A	✔	✔	✔
Internal Mains Socket	✔	✔	✔	✔	✔
Single Plate Entry System	✔	✔	✔	✔	✔
Ultrasonic Humidity Control	O	O	O	O	O
Cable Gland Port	O	O	O	O	O
Vacum Line Port	O	O	O	O	O
Trolley	O	O	O	O	O
Data Logging Connection	O	O	O	O	O
Power Failure Back Up System	O	O	O	N/A	N/A

✔ Standard
O Optional
N/A Not Applicable

ABOUT RUSKINN TECHNOLOGY

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. In 2006, the independent Ruskinn Group of companies – Ruskinn Technology Limited and Ruskinn Life Sciences Limited – was formed after a short transition period as part of Biotrace International plc.

Located in Ruskinn's purpose built area of Sony Technology Centre, Pencoed plant in South Wales, Ruskinn is one of an elite group of UK medical companies offered the opportunity to share the benefits of Sony's renowned production know-how and infrastructure. With direct sales in the UK, US and Nordic Region, Ruskinn products are also available through a worldwide network of carefully selected distributors.

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