BAKER RUSKINN

TOGETHER WE CAN MAKE MORE THAN A DIFFERENCE WE CAN MAKE HISTORY

PHYSIOLOGICAL CELL CULTURE WORKSTATIONS

CULTURE AS NATURE INTENDED

InvivO$_2$

Multiple models and a variety of options are available to fit your specific needs.

1

INVIVO$_2$ (I 400)

- 236L working volume
- 400 x 96 well plate capacity
- 26L interlock capacity

2

INVIVO$_2$ Large Interlock (I 500)

- 236L working volume
- 400 x 96 well plate capacity
- 41L interlock capacity

3

INVIVO$_2$ Dual Chamber (I 1000)

- Two independently controllable chambers, each 236L
- 800 x 96 well plate capacity
- 49L central interlock capacity with right and left hand opening

STANDARD FEATURES & ACCESSORIES

- Internal Hepa filtration to Class 4 (ISO 14644-1); Grade A (2004/23/EU); Class 10 (FED STD 209E)
- Removable front (Pop off™, with one touch of a button)
- 236L usable chamber volume (InvivO2 400/500), 472L (236 x 2 in InvivO2 1000)
- Intelligent interlock (automatically sets O_2 level to the same level as in the main chamber)
- Ezee Sleeve™ ports for Direct Hand access
- Detox sachet (large)
- Internal power sockets x 3
- One narrow and one wide culture rack
- 24 month warranty (valid if year 1 service pack implemented)

Touchscreen Control:

- O_2 control (from 0.1% to 23.0% in 0.1% increments)
- CO_2 control (from 0.1% to 30.0% in 0.1% increments)
- Humidity control (using Aquasorb humidity beads)
- Temperature control (5 °C above ambient to 45.0° C in 0.1° C increments
- Data log (one data set per minute, each set comprises: time, date, O_2 (set/actual), CO_2 (set/actual) humidity, temperature)
- Alarm settings
- Light control (on/off, dimming function)
- Removable front screen release

OPTIONAL FEATURES & ACCESSORIES

- Ultrasonic humidity control (up to 85%)
- Remote monitoring/remote control hardware module
- Internal monitor for digital microscope
- Stand (choice of static, manual/electric adjustable)
- Vacum port connector
- Gas sample port
- Cable gland
- Multi-cable gland (up to 6 individual cables)
- Single plate entry system (SPES™)
- Ezee Cuff™ (Gloveless/ Sleeveless Hand Entry)
- External Hepa containment package with rubber gloves
- Cooling accessory
- Light protective cover
- Waste port
- Large interlock retrofit kit (41L size)
- RH meter
- O_2 meter (Greisinger 3692)
- Culture rack (wide ornarrow)
- Culture rack (light protective)
- Internal shelf (wide or narrow)
- Billups modular Incubator chamber
- Anoxic mode option (with catalyst sachet large)
- Hyperoxia module (0% to 100% O_2)
- Steam humidity
- Aquasorb humidity bead packs
- USB port (Power only)

		Invivo$_2$ (I 400)		Invivo$_2$ Large Interlock (I 500)		Invivo$_2$ Dual Chamber (I 1000)	
		mm	inches	mm	inches	mm	inches
Workstation external dimensions	Width	1252	49.3	1392	54.8	2404	94.6
	Height	1025	40.4	1025	40.4	1025	40.4
	Depth	797	31.4	797	31.4	797	31.4
Workstation external dimensions (on stand)	Width	1296	51.0	1402	55.2	2414	95.0
	Height (lowest/highest stand setting)	1682/1982	66.1/76.4	1682/1982	66.1/76.4	1682/1982	66.1/76.4
	Depth	797	31.4	797	31.4	797	31.4
Workstation internal dimensions	Width	761	30.0	761	30.0	761 (per chamber)	30.0 (per chamber)
	Height	535	21.1	535	21.1	535 (per chamber)	21.1 (per chamber)
	Depth	580	22.8	580	22.8	580 (per chamber)	22.8 (per chamber)
Workstation capacity 96 well plates	Number of plates (128 x 86 x 17mm*)	399		399		798	
Workstation capacity T 75 flasks	Number of flasks (150 x 80x 36mm*)	155		155		310	
Workstation weight	kgs/lbs	100/220		120/264		210/462	

Interlock dimensions	Width	176	6.9	316	12.4	316	12.4
	Height	299	11.8	299	11.8	299	11.8
	Depth	366	14.4	366	14.4	366	14.4
Interlock capacity volume	Accessible litres	26		41		49	
Interlock capacity 96 well plates	Number of plates (128 x 86 x 17mm*)	42		70		98	
Interlock capacity T 75 flasks	Number of flasks (150 x 80 x 36mm*)	21		28		42	
Interlock purge times. User can choose O_2% value between 0% & 10%	to 5% O_2 (seconds)	19		19		25	
	to 1% O_2 (seconds)	45		45		55	
	to 0% O_2 (seconds)	60		60		85	

Maximum Internal Dimensions shown. Please contact your local sales representative for further information.
* Dimensions are given in length x width x height

Baker Ruskinn is a global leader and supplier of anaerobic and precision low oxygen culture systems for microbiology and tissue/cell culture applications.

Its advanced line of anaerobic chambers, physiological cell culture workstations and media conditioning solutions help improve research results by providing precisely controlled conditions for anoxic and low-oxygen studies.

To learn how Baker Ruskinn products can benefit your research, visit: www.bakerruskinn.com.

Get in touch today to hear how we can work with you.

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