

PHYSIOLOGICAL CELL CULTURE WORKSTATIONS

CULTURE AS NATURE INTENDED

BAKER RUSKINN

Invivo₂

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

1



INVIVO₂ 300

- 86L working volume
- 270 x 96 well plate capacity
- 7.6L interlock capacity

2



INVIVO₂ 400

- 210.3L working volume
- 400 x 96 well plate capacity
- 26L interlock capacity

3



INVIVO₂ 500

- 210.3L working volume
- 400 x 96 well plate capacity
- 41L interlock capacity

4



INVIVO₂ 1000 Dual Chamber

- Two independently controllable chambers, each 210.3L
- 800 x 96 well plate capacity
- 49L central interlock capacity with right and left hand opening

STANDARD FEATURES & ACCESSORIES

ALL MODELS

- Ezee Sleeve™ ports for direct hand access
- Detox sachet (Small)
- Touchscreen Control:**
 - O₂ control (from 0.1% to 23.0% in 0.1% increments)
 - CO₂ control (from 0.1% to 30.0% in 0.1% increments)
- Data log (one data set per minute, each set comprises: time, date, O₂ (set/actual), CO₂ (set/actual) humidity, temperature)
- Alarm settings
- Light control (on/off, dimming function*)

INVIVO₂ 400 / 500 / 1000 ONLY

- Internal HEPA filtration to Class 4 (ISO 14644-1); Grade A (2004/23/EU); Class 10 (FED STD 209E)
- Temperature control (7 °C above ambient to 45.0° C in 0.1° C increments)
- Removable front (Pop off™, with one touch of a button)
- 210.3L usable chamber volume (Invivo₂ 400/500), 472L (236 x 2 in Invivo₂ 1000)
- Intelligent interlock (automatically sets O₂ level to the same level as in the main workstation)
- Remote monitoring/remote control hardware module
- Internal power sockets x 3
- One narrow and one wide culture rack
- 48 month warranty (valid if annual service schedule implemented)
- Touchscreen Control:**
 - Humidity control (using Aquasorb humidity beads)
 - Light control (on/off dimming function)

INVIVO₂ 300 ONLY

- Internal power sockets x 1
- Temperature control (5 °C above ambient to 45.0° C in 0.1° C increments)
- Single Plate Entry System (SPES™)
- 12 month warranty

*Dimming function only available on Invivo₂ 400 / 500 / 1000

OPTIONAL FEATURES & ACCESSORIES

ALL MODELS

- Vacuum port connector
- Gas sample port
- Cable gland
- Multi-cable gland (up to 6 individual cables)
- Ezee Cuff™ (Gloveless/ Sleeveless Hand Entry)
- RH meter
- O₂ meter
- Billups Modular Incubator chamber
- Anoxic mode option (with catalyst sachet large)
- USB port (Power only)
- IQ/OQ Protocol Accessory

INVIVO₂ 400 / 500 / 1000

- Ultrasonic humidity control (up to 85%)
- Internal monitor for digital microscope
- Stand (choice of static/manual/ electric adjustable)
- External HEPA containment package with rubber gloves
- Cooling accessory
- Light protective cover
- Waste port
- Large interlock retrofit kit (41L size)
- Culture rack (wide or narrow)
- Culture rack (light protective)
- Internal shelf (wide or narrow)
- Aquasorb humidity bead packs
- Single Plate Entry System (SPES™)

*Final product may differ from visuals

		INVIVO ₂ 300		INVIVO ₂ 400		INVIVO ₂ 500		INVIVO ₂ 1000 Dual Chamber	
		mm	inches	mm	inches	mm	inches	mm	inches
Workstation external dimensions	Width	830	32.7	1252	49.3	1392	54.8	2404	94.6
	Height	650	25.6	1025	40.4	1025	40.4	1025	40.4
	Depth	660	26.0	797	31.4	797	31.4	797	31.4
Workstation external dimensions (on stand)	Width	833	32.8	1296	51.0	1402	55.2	2414	95.0
	Height (lowest/highest stand setting)	643	25.3	1682/1982	66.1/76.4	1682/1982	66.1/76.4	1682/1982	66.1/76.4
	Depth	662	26.0	797	31.4	797	31.4	797	31.4
Workstation internal dimensions	Width	500	19.7	761	30.0	761	30.0	761 (per chamber)	30.0 (per chamber)
	Height	420	16.5	535	21.1	535	21.1	535 (per chamber)	21.1 (per chamber)
	Depth	460	18.1	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*)	273		399		399		798	
Workstation capacity T 75 flasks	Number of flasks (150 x 80 x 36mm*)	110		155		155		310	
Workstation weight	kgs/lbs	75/165		100/220		120/264		210/462	

Interlock dimensions	Width	150	5.9	176	6.9	316	12.4	316	12.4
	Height	190	7.5	299	11.8	299	11.8	299	11.8
	Depth	230	9.6	366	14.4	366	14.4	366	14.4
Interlock capacity volume	Accessible litres	7.6		26		41		49	
Interlock capacity 96 well plates	Number of plates (128 x 86 x 17mm*)	22		42		70		98	
Interlock capacity T 75 flasks	Number of flasks (150 x 80 x 36mm*)	10		21		28		42	
Interlock purge times. User can choose O ₂ % value between 0% & 10%	to 5% O ₂ (seconds)	N/A		19		28		28	
	to 1% O ₂ (seconds)	N/A		45		67		67	
	to 0% O ₂ (seconds)	30		60		90		90	

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



Scan the QR code to see more about the Invivo₂ range

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.bakerco.com

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

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