

InvivoO₂

The InvivoO₂ physiological cell culture workstations are packed with innovative features that allow you to study even the most complex cell interactions under perfect physiological oxygen conditions. Whether you're hoping to replicate the environment of blood vessels or lung tissue, InvivoO₂ is the best tool for the job. Available in multiple models and a variety of options to fit your specific needs.



- Culture as Nature Intended -

Easy to use and adaptable to meet your needs, especially for cell culture applications that require carefully controlled oxygen regulation, InvivoO₂ offers accurate and stable user-defined environmental controls, and direct access to the inner chamber.



Hear from experts on why to perform cell work under in vivo conditions

► FEATURES

- Precision environmental control of O₂ (0.1% to 23.0%) and CO₂ (0.1% to 30.0%) in 0.1% increments, temperature control throughout (7°C above ambient to 45.0°C in 0.1°C increments) and humidity all from the touchscreen.
- Quick and Easy Access- Gloveless cuffed Ezee Sleeve™ system takes less than 40 seconds for direct hand access.
- Intelligent interlock automatically sets O₂ level to the same level as in the main workstation.
- Interface provides exportable data log and remote monitoring and control.
- Expansive chamber provides 210.3L (400/500 models) and 472L (1000 model) of usable workspace volume.
- Removeable front (Pop off™, with one touch of a button) and 3 internal power sockets for easy onboarding of equipment.

APPLICATION

InvivoO₂ physiological cell culture workstations help improve research results by providing precisely controlled conditions for any cell culture work, and is ideal for low-oxygen research.



TECHNICAL SPECIFICATION ▼

			InvivoO ₂ 400		InvivoO ₂ 500		InvivoO ₂ 1000 Dual Chamber	
			mm	inches	mm	inches	mm	inches
WORKSTATION	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 80 x 36mm)	155		155		310	
	Workstation weight	kgs/lbs	100/220		120/264		210/462	
INTERLOCK	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 T75 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		28		28	
		to 1% O ₂ (seconds)	45		67		67	
		to 0% O ₂ (seconds)	60		90		90	

RESOURCES

Scan the codes to view our helpful resources to maximize the use of the InvivoO₂.



Visit the InvivoO₂ Product page on our website



Download the InvivoO₂ Brochure



Visit Experience Baker, our Virtual Lab

