

Live Cell Shipping Solutions

Cellbox Ground & Cellbox Flight



Cellbox shipper

The Cellbox shipper offers innovative technology for the transportation of live cell cultures, tissue and other cell-based samples. The Cellbox shipper is a self-sustaining incubator for environmentally controlled logistics, where temperature and CO₂ can be adjusted to ensure optimum conditions. The Cellbox shipper provides cost efficiency whilst maintaining the viability of your cells.

SHIPMENT GLOBALLY

The two models of Cellbox can overcome most logistical challenges for your live cells. The ground version offers prolonged CO₂ control whilst the flight version is the only live cell shipper with CO₂ control which has International flight allowance under packing instruction PI 967, Section II.

OPTIMUM CULTURE CONDITIONS

By keeping your sensitive samples at ideal culture conditions, Cellbox reduces the risk of changing the biological structure of the cells. Using Cellbox for live cell shipping maintains the quality of your products.

HIGHLY EFFICIENT WORKFLOW

With Cellbox valuable time is saved and cell yield is improved by removing the freezing, thawing and recovery processes. Furthermore the need for cryoprotectants to be added to samples is removed.

Less steps, less stress, better outcomes.



Flexibility

Cellbox can maintain the temperature and CO₂ level for at least 24 hours. Enough time to ship your cells to all corners of the world.



Keep track

The free Cellbox app allows for easy monitoring of conditions and data export from the Cellbox using bluetooth.



Ready-to-Use

Live cells arrive ready for onward processing enabling users to accelerate their program of work for faster outcomes. Cellbox can easily be prepared for onward or return shipping.

Cellbox Shipper



Cellbox at a glance

- Regulated CO₂ environment
- Maintains temperature between 28 and 38° C
- Holds temperature for up to 24 hours with 23° C ambient temperature
- Temperature resolution in increments of 0.1° C
- Suitable for multiwell plates, t-flasks, chip formats, etc.
- Robust and shock resistant
- Rechargeable battery with power supply
- Fulfillment of logistics standard UN3373
- Classification UN3481
- International flight allowance under packing instruction PI 967, Section II

Cellbox Ground or Cellbox Flight

To ensure the ideal conditions for any transport, we provide two device types – the Cellbox® Ground CD and the Cellbox® Flight CDI. Both are near-identical except for the carbon dioxide source and conditioning system – the CD uses disposable CO₂ cartridges and the CDI dry-ice.

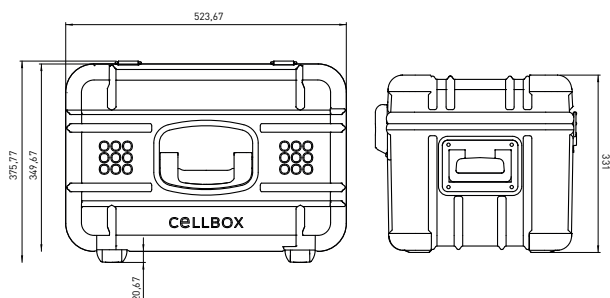
Cellbox control

- Constant data logging and export via bluetooth to the Cellbox app.

Model	Ground CD		Flight CDI	
Dimensions				
External dimensions (WxDxH) ¹⁾	mm	540 x 370 x 335		
Internal dimensions (WxDxH)	mm	incubation chamber: 200 x 155 x 135		
Volume	litres	4,2		
Net weight (approx)	kg	18	17	
Performance				
Temperature	°C	Holds temperature for up to 24 hours with 23° C ambient temperature		
CO ₂ source		Disposable mini cartridge	Dry ice sublimation	
Maintains 5% CO ₂ environment	Hrs	+ 72 hours	+ 24 hours	
Temperature control				
Temperature sensor	°C	Constant data logging and export via the Cellbox app		
Temperature setting range	(%)	AT+3° C and between 28° C and 38° C with 0,1° C increments		
CO₂ control				
CO ₂ setting range	(%)	0 – 20	0 – 20	
Electrical level				
Power supply		Rechargeable battery with integrated 100 – 230V power supply		
Options				
Cellbox care kit	1 piece	Disinfectant, care product, cleaning cloth		
CO ₂ (24,5g, 33ml) disposable cartridge	1 SU = 12 pieces	Replacement cartridges for the Cellbox ground CD.		
Additional Battery Pack I	1 piece	Extends the Cellbox runtime for 3,5 - 4h + Plug + Packaging		
Packaging Kit	1 piece	Replacement overpack for flight transport of the Cellbox + Styrofoam protectance		
Dangerous Goods Declaration Kit Flight	40 Sticker, 10 each	Dangerous Goods Declaration Sticker UN 3373 + Biological Substances Category B + Dangerous Goods Declaration Sticker UN 3481 for Lithium Ion Batteries + Dangerous Goods Declaration Sticker UN 1845 for Dry Ice + Dangerous Goods Declaration Sticker Dry Ice as Conditioner		
Dangerous Goods Declaration Kit Ground	30 Sticker, 10 each	Dangerous Goods Declaration Sticker UN 3373 + Biological Substances Category B + Dangerous Goods Declaration Sticker UN 3481 for Lithium Ion Batteries + Dangerous Goods Declaration Sticker CO ₂ as Conditioner		

Appearance and specifications are subject to change without notice.

dimensions



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