

ReCO₂ver™



Designed for the demanding requirements of current Good Manufacturing Practice (cGMP) environments, the Stainless Steel ReCO₂ver™ Incubator delivers unparalleled precision, contamination control, and rapid recovery of optimal cell culture conditions. With HEPA filtration exceeding ISO Class 4 (Class 10) standards, an ultrasonic humidity system, and seamless stainless steel construction for easy cleaning, this incubator ensures the highest level of environmental stability and compliance.



The Stainless Steel ReCO₂ver™ Incubator delivers unmatched environmental stability, contamination prevention, and efficiency for critical cell culture applications.



Hear how to achieve optimal growth conditions with our rapid recovery incubator.

FEATURES

- **Durable Stainless Steel Exterior** – Corrosion-resistant and easy to clean, the stainless steel exterior enhances longevity and ensures compliance with cGMP standards.
- **ISO Class 4 air cleanliness** – Advanced full-face HEPA filtration ensures rapid recovery of clean air conditions within 2 minutes of door openings, exceeding cGMP cleanliness requirements.
- **Seamless stainless steel interior** – The crevice-free design with coved corners prevents particle buildup, making cleaning and sterilization effortless to maintain strict cGMP compliance.
- **H₂O₂ biodecontamination** – Achieves 6-log reduction of contaminants in under 4 hours, ensuring rapid and effective decontamination while minimizing downtime.
- **Active humidity and condensation control** – The ultrasonic nebulization system eliminates water pans, reducing contamination risk and providing precise RH control (0-90%, up to 95%) for optimized cell growth.

APPLICATION

Ideal for biopharmaceutical manufacturing, cell and gene therapy, regenerative medicine, and cleanroom research applications where strict environmental control is required. Its robust contamination prevention, rapid recovery, and compliance-ready design make it the perfect choice for cGMP-regulated workflows, ensuring reliable and reproducible cell culture outcomes.

TECHNICAL SPECIFICATION



	ReCO ₂ ver™	ReCO ₂ ver™ Plus
Performance Specifications		
Model Number	REC 602	REC 602 -Plus
Humidity Delivery	Ultrasonic (Nebulizer)	
Heat Type	Direct Heat	
External Dimensions	26.9" W x 26.5" D x 40.5" H (683mm W x 673mm D x 1029mm H)	
Internal Dimensions	19.9" W x 21.9" D x 33.5" H (505mm W x 556mm D x 851mm H) (239 Litres)	
Usable Interior Volume / Capacity	5.92 ft3 (0.168 m3) / 275 90mm plates	
Usable Shelf Area / Max Shelves	18.6" W x 20.1" D (472mm W x 511mm D) / 12 shelves (4 standard)	
Weight	250 lbs. (114 kg.) / Shipping Weight 310 lbs. (141 kg)	
Environmental Performance		
Temperature Control Range	13°F (7.0°C) above ambient - 131°F (55.0°C) (increments of 0.2°F / 0.1°C)	
Temperature Accuracy	+/-0.1°C	
Temperature Uniformity	+/- 0.25°C	
Temperature Recovery Time	Within 1°C of set point (37°C) in 6 minutes	
CO ₂ Control Range	0.0% - 20.0% (increments of 0.1%)	
CO ₂ Accuracy	+/-0.15% (the CO ₂ sensor is a non-dispersive infrared sensor)	
CO ₂ Recovery Time	Within 0.2% of set point (5%) in 5 minutes	
Contamination Control		
Relative Humidity Control Range	Two operating modes: Up to 90%; 90%-95%	
Relative Humidity Accuracy	+/-3%	
Relative Humidity Recovery Time	Within 3% of set point (90%) in 4 minutes	
Contamination Prevention	Expansive HEPA filter providing better-than-ISO Class 4 (Class 10) air cleanliness	
Biodecontamination Methods	UV Light	UV Light & H ₂ O ₂ (Standard)

RESOURCES

Scan the codes to view our white papers on how ReCO₂ver achieves optimal conditions.



Fast and accurate humidity control



Eliminate the Edge Effect



H₂O₂ decon. procedure

