





Optimal cell growth and protection

Heracell VIOS CO₂ Incubators



Thermo Scientific™ Heracell™ VIOS™ and Vios CR CO₂ Incubators are designed to meet the needs of today's labs generating rapid-fire discoveries. Known for optimal cell growth conditions and minimal contamination risk, they keep your projects moving. The incubator models are available in two sizes: 165 L (5.8 cu ft) or 255 L (9.0 cu ft) and with different interior chamber configurations: electropolished stainless-steel or 100% copper.

VIOS incubator family benefits

-  Complete contamination control
-  Outstanding recovery and uniformity
-  Easy to maintain
-  Highly configurable and versatile

Popular features

- Thermo Scientific™ THRIVE™ active airflow technology for homogeneous growth conditions
- High-temperature sterilization cycle eliminates microbial contaminants and eases cleaning
- In-chamber HEPA filtration to achieve ISO Class 5 clean room-like air quality conditions within only five minutes after a 30-second door opening

Configurations and accessories

- Thermo Scientific™ Cell Locker™ System (available for 160i models) divides the incubator into 6 individual chambers with membrane filters to prevent entry of contaminants for sensitive cultures.
- Thermo Scientific™ CultiMaxx™ Shelving Systems (available for 250i models) maximizes capacity for large vessel types with minimum deflection.
- Thermo Scientific™ OPC™ UA Gateway Kit (only for standard VIOS models) enables integration into distributed control systems.

1



Cell Locker System
available for 160i models

2



CultiMaxx Shelving Systems
available for 250i models

3



OPC UA Gateway Kit to connect VIOS
models to distributed control systems

Key features and specifications

Features	VIOS 160i	VIOS 250i	Vios 160i CR	Vios 250i CR
Capacity	165 L (5.8 cu ft)	255 L (9.0 cu ft)	165 L (5.8 cu ft)	255 L (9.0 cu ft)
Exterior housing	Powder-coated cold-rolled steel		Grade 304 stainless steel	
Inner chamber	Electropolished grade 304 stainless steel or pure copper			
Cell Locker System configuration	Optional	-	Optional	-
CultiMaxx Shelving System configuration	-	Optional	-	Optional
Segmented inner door	Optional	Optional	Optional	Optional
Reinforced clip bar shelving	Optional	Optional	Optional	Optional
Stackable	✓	✓	✓	✓
O ₂ control	Optional	Optional	Optional	Optional
Electromagnetic door lock	✓	✓	✓	✓
ISO Class 5 conditions in the culture chamber	✓	✓	✓	✓
Particle emission control	-	-	✓	✓
ISO Class 5/EU GMP Grade A/B certified for cleanroom use	-	-	✓	✓
IP54 rated electronics	-	-	✓	✓
OPC UA Gateway Kit	Optional	Optional	-	-



Learn more at thermofisher.com/co2

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