





# Optimal cell growth and protection

## Heracell VIOS CO<sub>2</sub> Incubators



Thermo Scientific™ Heracell™ VIOS™ and Vios CR CO<sub>2</sub> Incubators are designed to meet the needs of today's labs in 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 cleanroom-like air quality conditions within only five minutes after a 30-second door opening

### Configurations and accessories

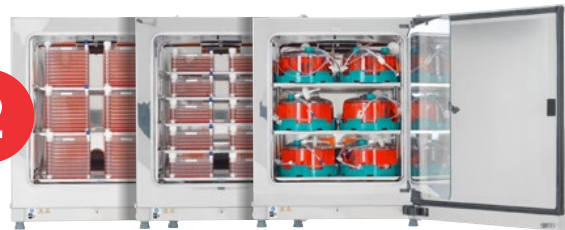
- Thermo Scientific™ Cell Locker™ System (available for 160i models) divides the incubator into six individual chambers with membrane filters to prevent entry of contaminants for sensitive cultures
- Thermo Scientific™ CultiMaxx™ Shelving System (available for 250i models) maximizes capacity for large 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 <sub>2</sub> 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          | -                         | -                 |

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