

Thermo Forma Steri-Cycle i160 Double-Stack CO2 Incubator



On roller base (identical to Thermo Heracell Vios 160i).

Rating: Not Rated Yet

Price

Sales price \$9,250.00

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Manufacturer [Thermo Forma](#)

Description

The exclusive "Steri-Run" high temperature sterilization cycle included with this incubator reaches 180°C on all chamber surfaces and is independently proven to achieve total sterilization and a 12 log Sterility Assurance Level (SAL). With the push of a button, the simple overnight routine provides fast, easy elimination of microbial contaminants and eliminates the need for separate autoclaving of parts. Additionally, the i160's protected humidity reservoir boasts a directly heated water reservoir which provides stable high relative humidity levels, preventing culture desiccation. This allows for up to five times faster humidity recovery than traditional water pan designs.

Incubators: Thermo Forma Steri-Cycle i160 Double-Stack CO2 Incubator

Also featured is in-chamber HEPA filtration, which continuously filters the entire chamber air volume every 60 seconds. ISO 5 clean room air quality is achieved in the culture chamber within 5 minutes. Continuous protection is provided by minimizing the ability for contaminants to settle on interior surfaces.

Specifications

Temperature Range: Ambient +3°C to 55°C

Temperature Uniformity: ± 0.3°C at 37°C

Temperature Stability: ± 0.1°C at 37°C

CO2 Range: 1 to 20%

CO2 Control Deviation: ± 0.1%

CO2 Accuracy: ± 0.3%

CO2 Sensor Type: TC

Required Gas Pressure: Minimum of 0.8 bar to maximum of 1 bar (12 to 15 PSI)

Relative Humidity: > 93% at 37°C

Volume: 5.8 cu ft. (165L) [Per Unit]

Sterilization Cycle Temperature: 180°C on all internal surfaces

Sterilization Cycle Duration: Under 12 hours

Access Port Diameter: 1.6 in. (42 mm)

Data Outputs: Remote alarm contacts and USB

Shelf Dimensions (W x D): 16.7 x 18.3 in. (42.3 x 46.5 cm)

Internal Dimensions (W x H x D): 18.5 x 23.9 x 22.7 in. (47 x 60.7 x 57.6 cm) [Per Unit]

External Dimensions (W x H x D): 25.1 x 35.4 x 34.6 in. (63.7 x 90 x 88 cm) [Per Unit]

Weight: 183 lb. (83 kg.) [Per Unit]

Electrical Requirements: 120V, 50/60 Hz, 8.3A, 1000W [Per Unit]

Comes with our 90-day warranty.

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