

Incubators

CO₂

Sterilization Cycle CO₂ Incubators

Unique combination of HEPA air filtration and sterilization cycle provides complete contamination control

- Large chamber provides ample room for samples
- Stackable to preserve lab space

These reliable, direct-heat incubators feature an in-chamber HEPA air filtration system that continuously filters the entire chamber volume every 60 seconds and maintains cleanroom-like Class 100 air-quality conditions. Class 100 air quality conditions are achieved within five minutes following a routine door opening. Additionally, an on-demand 140°C high-temperature sterilization cycle eliminates contamination from all internal surfaces simplifying cleaning procedures.

Accurate microprocessor control of temperature and CO₂ concentration is easy to program. Other programmable specifications include configurable audible on/off, an access code, a HEPA filter change reminder, remote alarm contacts, tracking low temperature and high and low CO₂ alarms.

Select the TC sensor model when chamber temperature and relative humidity are relatively constant. Select the IR sensor model when temperature and relative humidity levels are changed frequently.

What's included: four stainless steel shelves, stacking hardware, and power cord.

Specifications



39320-16

CO₂ range: 0 to 20% with ±0.1% control

Temperature range: 5°C above ambient to 50°C

Construction: 304 stainless steel interior and cold-rolled steel exterior

Catalog number	Capacity cu ft (L)	Sensor type	Accuracy	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power		Shpg wt lb (kg)	Price
					Chamber	Overall			Watts	VAC, Hz		
TW-39320-16	6.5 (184)	TC	±0.1°C	±0.3°C	21¼" x 26¾" x 20"	26¼" x 39½" x 25"	15	4	1380	115, 50/60	315 (143)	
TW-39320-18					(54.1 x 68.1 x 50.8 cm)	(66.8 x 100.3 x 63.5 cm)			2760	230, 50/60		
TW-39320-20	6.5 (184)	IR	±0.1°C	±0.3°C	21¼" x 26¾" x 20"	26¼" x 39½" x 25"	15	4	1380	115, 50/60	315 (143)	
TW-39320-22					(54.1 x 68.1 x 50.8 cm)	(66.8 x 100.3 x 63.5 cm)			2760	230, 50/60		

TW-39320-32 Replacement HEPA filter

CO₂ Incubators

100% pure solid copper interior offers natural antimicrobial protection on contact

- TC sensor for accurate control where temperature and humidity values are consistent
- IR sensor for applications where temperature and humidity values fluctuate

These air-jacketed incubators are designed to protect your valuable samples while optimizing cell growth and providing superior recovery rates. A unique 100% pure copper interior and an innovative moist heat decontamination technology combine to eliminate microbial growth and ensure worry-free operation and cleaning. The door-mounted iCAN™ touch-screen control simplifies operation and enables rapid access to important information through simple icons and menu prompts. Graph performance trends, run event history logs, and have visibility to changes in the culture environment all from this simple-to-use system.



High-quality sensors are mounted directly within the chamber for precise environmental measurements. A highly efficient fan-assisted convection ensures the uniformity of critical temperature, humidity, and CO₂ no matter where samples are located within the unit. A choice of TC or IR gas sensors allows you to tailor the unit to your preference and experimental needs. A unique directly heated water reservoir provides a high relative humidity and helps with rapid recovery after door openings. A water level sensor with audible and visual alerts lets you know when the level gets low and needs to be refilled.

What's included: three solid copper shelves and power cord.

Specifications



39321-00

CO₂ range: 0 to 20% with ±0.1% control

Construction: 100% copper interior and cold-rolled steel exterior

Temperature range: 3°C above ambient to 55°C

Catalog number	Capacity cu ft (L)	Sensor	Control accuracy	Temperature deviation	Dimensions (W x H x D)		Shelf positions	Shelves included	Power		Shpg wt lb (kg)	Price
					Chamber	Overall			Watts	VAC, Hz		
TW-39321-00	5.3 (150)	TC	±0.1% at 5%	±0.1°C/±0.5°C	18½" x 23½" x 20½"	25½" x 34½" x 30½"	10	3	580	120, 50/60	154 (70)	
TW-39321-02					IR	(47 x 60.7 x 53 cm)						