

Incubators

Cole-Parmer® Mini Incubator**Compact and economical**

- Holds up to 14 microwell plates or 54 test tubes
- Stack units to increase capacity without using more bench space
- Heating element lies in the back—eliminating the risk of scorching the sample when placed on the chamber floor



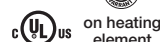
PVC outer cover

Capacity cu ft (L)	Temperature range	Dimensions (W x H x D)		Power (VAC, Hz)	Catalog number	Price
		Chamber	Overall			
0.1 (2.8)	5° above ambient to 42°C	7¼" x 5¼" x 5¾" (18.4 x 13.3 x 14.6 cm)	7½" x 6¾" x 6½" (19.5 x 15.7 x 16.5 cm)	120, 50/60 230, 50/60	GY-03608-14 GY-03608-15	

Low-Cost Analog and Digital Incubators**Versatile and dependable**

- Be alerted to malfunctions with self-diagnostic function
- Tinted, see-through acrylic door lets you view the entire chamber without opening the door

Incubators are microprocessor controlled and include a unique temperature tracking feature which stores maximum process temperature deviation from set point in 0.1 degree units.



Powder coated exterior

Capacity cu ft (L)	Temperature range	Temperature stability	Dimensions (W x H x D)		Shelf positions	Shelves included	VAC, Hz	Shpg wt lb (kg)	Catalog number	Price
			Chamber	Overall						
Analog incubators										
0.7 (19.8)	Ambient +5 to 93°C	±0.5°C	12" x 10" x 10" (30.5 x 25.4 x 25.4 cm)	13" x 15" x 11" (33 x 38.1 x 27.9 cm)	7	1	115, 50/60	26 (11.8)	GY-03613-00	
0.7 (19.8)	Ambient +5 to 62°C	±0.5°C	12" x 10" x 10" (30.5 x 25.4 x 25.4 cm)	13" x 15" x 11" (33 x 38.1 x 27.9 cm)	7	1	115, 50/60	24 (10.9)	GY-03613-10	
2.0 (56.6)	Ambient +5 to 62°C	±0.5°C	18" x 16" x 12" (45.7 x 40.6 x 30.5 cm)	19" x 21" x 13" (48.3 x 53.3 x 33 cm)	13	1	115, 50/60	40 (18.2)	GY-03613-20	
Digital incubators										
0.7 (19.8)	Ambient +5 to 62°C	±0.5°C	12" x 10" x 10" (30.5 x 25.4 x 25.4 cm)	13" x 15" x 11" (33 x 38.1 x 27.9 cm)	7	1	120, 50/60	23 (10.5)	GY-03613-30	
							230, 50/60		GY-03613-35	
2.0 (56.6)	Ambient +5 to 62°C	±0.5°C	18½" x 16" x 12" (47 x 40.6 x 30.5 cm)	19" x 21" x 13" (48.3 x 53.3 x 33 cm)	13	1	120, 50/60	48 (19.5)	GY-03613-40	
							230, 50/60		GY-03613-45	

Cole-Parmer® StableTemp™ General-Purpose Analog and Digital Incubators**Don't worry about your samples**

- Over-range thermostat protects samples and alerts user
- Don't let temperature fluctuate while viewing samples with see-through polycarbonate doors*
- Easy-to-clean aluminum interior



Capacity cu ft (L)	Temperature range	Stability at 37°C	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
Analog incubators											
5 (141.6)	10° above ambient to 90°C	±1°C	±1.5°C	17" x 30" x 17" (43.2 x 76.2 x 43.2 cm)	19¼" x 36" x 23" (48.9 x 91.4 x 58.4 cm)	6	3	115, 60 230, 50	74 (33.6)	GY-01100-48 GY-01100-50	
Digital incubators											
0.5 (14.2)	10° above ambient to 90°C	±0.5°C	±0.7°C	9½" x 9½" x 9½" (24.1 x 24.1 x 24.1 cm)	11½" x 15½" X 15½" (29.2 x 39.4 x 39.4 cm)	3	1	115, 60 230, 50 115, 60 230, 50	24 (10.9)	GY-01100-20 GY-01100-22 GY-01100-21* GY-01100-23*	
1.4 (39.6)				13½" x 13½" x 13½" (34.3 x 34.3 x 34.3 cm)	15¼" x 19½" x 19" (39.4 x 49.5 x 48.3 cm)	4	2	115, 60 230, 50	36 (16.3)	GY-01100-24 GY-01100-26	
2.5 (70.8)				17" x 15" x 17" (43.2 x 38.1 x 43.2 cm)	19¼" x 21" x 23" (48.9 x 53.3 x 58.4 cm)	5	2	115, 60 230, 50	48 (21.5)	GY-01100-28 GY-01100-30	

*Models 01100-21 and 01100-23 feature solid doors

General Protocol Incubators

No more difficult setting of parameters

- Corrosion-resistant stainless steel interior
- Internal glass door allows sample viewing without disturbing temperature

These gravity convection incubators provide top-quality temperature uniformity, ranging from 5°C above ambient to 75°C. A unique airflow design, advanced microprocessor control, and automatic overtemperature alarm ensure that an optimal environment is maintained.

What's included: two adjustable stainless steel shelves and power cord.

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Capacity cu ft (L)	Temperature range	Accuracy at 37°C	Temperature uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	VAC, Hz	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
2.6 (75)	+5°C to 75°C	±0.2°C	±0.6°C	14" x 20" x 16 1/4" (35.4 x 50.8 x 41.4 cm)	20 7/8" x 28 3/8" x 22 5/8" (53 x 72 x 56.5 cm)	13	2	120, 60	88 (40.0)	GY-38800-02	
4.0 (117)	+5°C to 75°C	±0.2°C	±0.6°C	18 1/4" x 24" x 16 1/4" (46.4 x 60.8 x 41.4 cm)	25 1/4" x 32 1/4" x 22 5/8" (64 x 82 x 56.5 cm)	16	2	120, 60	112 (50.9)	GY-38800-04	
6.85 (194)	+5°C to 75°C	±0.2°C	±0.6°C	18 1/4" x 27 1/8" x 23 1/8" (46.4 x 70.8 x 58.9 cm)	25 1/4" x 36 1/4" x 29" (64 x 92 x 73.8 cm)	19	2	120, 60	143 (64.9)	GY-38800-06	
14.3 (405)	+5°C to 75°C	±0.4°C	±0.4°C	21 3/8" x 51 1/2" x 22 3/8" (54.4 x 130.7 x 56.9 cm)	30 5/8" x 60 1/8" x 30 3/8" (77.8 x 154.5 x 77 cm)	39	2	120, 60	320 (145)	GY-38800-03	
26.4 (747)	+5°C to 75°C	±0.4°C	±1.3°C	39 1/2" x 51 1/2" x 22 3/8" (100.4 x 130.7 x 56.9 cm)	49 3/4" x 60 1/8" x 30 3/8" (126.1 x 154.5 x 77 cm)	39	2	120, 60	443 (201)	GY-38800-05	

Digital Mechanical Convection Incubators

Monitor and control remotely

- RS-232 communication interface and software for remote PC control
- CLS (customer logical safe)—control system thermal safety features
- Fine tune the PID temperature control with auto-tuning feature
- Electronic programmable timer for setting start and stop automatically

What's included: RS-232 cable and software, two wired shelves, and 6-ft (1.8-m) power cord.

Specifications

Temperature range: 5° above ambient to 75°C Accuracy at 40°C: ±0.1°C Uniformity at 40°C: ±0.4°C



Capacity cu ft (L)	Dimensions (W x H x D)		Shelf positions	Shelves included	VAC, Hz	Shpg wt lb (kg)	Catalog number	Price	Wire shelves		Perforated shelves	
	Chamber	Overall							Cat. no.	Price	Cat. no.	Price
2.1 (59.5)	15 3/4" x 16 1/2" x 14 1/4" (40 x 41.9 x 36.2 cm)	23 1/2" x 29 1/4" x 21 3/4" (59.7 x 74.3 x 55.2 cm)	8	2	120, 60 240, 50/60	99 (45)	GY-79510-02 GY-79510-00		GY-79510-04		GY-79510-06	
3.7 (104.8)	19" x 20 1/2" x 16" (48.3 x 52.1 x 40.6 cm)	26 1/2" x 33 1/2" x 23 3/4" (67.3 x 85.1 x 60.3 cm)	12	2	120, 60 240, 50/60	121 (55)	GY-79510-10 GY-79510-08		GY-79510-12		GY-79510-14	
5.4 (152.9)	24" x 21 1/4" x 18" (61 x 54 x 45.7 cm)	31 1/2" x 34 3/4" x 25 3/4" (80 x 88.3 x 65.4 cm)	12	2	120, 60 240, 50/60	137 (62)	GY-79510-18 GY-79510-16		GY-79510-20		GY-79510-22	

Advanced Protocol Incubators

Put equipment right inside

- Internal socket allows the use of other lab equipment inside the unit
- Microprocessor control with vacuum fluorescent display

Dual convection allows for different applications; fan speed is adjustable from 0 to 100%. Corrosion-resistant stainless steel interior is easy to clean and internal glass door allows sample viewing without impacting temperature. Digital timer can be set for daily or weekly on/off cycles. Small footprint saves space in your lab.

What's included: two adjustable stainless steel shelves and power cord.

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Capacity cu ft (L)	Accuracy at 37°C	Temperature range	Temperature uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	VAC, Hz	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
2.3 (66)	±0.1°C	5°C above ambient to 105°C	±0.6°C	13 15/16" x 20" x 14 1/2" (35.4 x 50.8 x 36.8 cm)	20 15/16" x 28 5/8" x 22 1/4" (53 x 72 x 56.5 cm)	13	2	120, 60	99 (45)	GY-38800-08	
3.67 (104)	±0.1°C		±0.6°C	18 5/8" x 23 15/16" x 14 1/2" (46.4 x 60.8 x 36.8 cm)	25 1/4" x 32 5/8" x 22 1/4" (64 x 82 x 56.5 cm)	16	2	120, 60	123 (56)	GY-38800-10	
6.3 (178)	±0.1°C		±0.6°C	18 5/8" x 27 15/16" x 21 7/16" (46.4 x 70.8 x 54.3 cm)	25 1/4" x 36 1/4" x 29 3/8" (64 x 92 x 73.8 cm)	19	2	120, 60	154 (70)	GY-38800-12	

Incubators

Compact Incubator

Monitor samples easily

- Small footprint and stackable design save workspace
- Easy-to-use interface
- Ideal for small-volume applications in range of 17 to 40°C
- Corrosion-free, molded polymer unit offers 18-L capacity

What's included: two adjustable stainless steel perforated shelves and power cord.



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Capacity cu ft (L)	Temperature range	Accuracy at 37°C	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
0.65 (18)	17 to 40°C	±0.2°C	±1.2°C	7 1/8" x 12 1/4" x 11 7/16" (18 x 31 x 29 cm)	10 1/4" x 16 5/16" x 18 1/2" (26 x 41.5 x 47 cm)	3	2	100 to 240, 50/60	15.9 (7.2)	GY-38800-00	

Natural and Forced Convection Incubators

Don't risk compliance

- Precision control for GLP/GMP—compliant incubation across a variety of applications
- Reduce impact of door openings with rapid heat up and recovery rates
- Disinfection routine up to 100°C

Units feature independent adjustable temperature safety devices with visual alarm. The RS-422 interface for standard software guarantees seamless documentation of all testing parameters. Software can be validated in accordance with GLP/GMP and FDA 21 CFR Part 11 requirements. Inner glass door seals hermetically to allow monitoring cultures without influencing chamber conditions.

Natural Convection Models are ideal for incubation of microorganisms, and microbiological heating and conditioning. Controller features integrated timer settable from 0 to 99 hours and one adjustable temperature ramp.

Forced Convection Models for high specimen volume applications such as sample bags, and frequent batch changes. Adjustable airflow rate air turbine, achieves fast recovery. Controller timer has delayed ON, delayed OFF, and temperature-dependent delayed OFF functions.



What's included: two chrome-plated racks and 6-ft (1.8-m) power cord with plug.

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Capacity cu ft (L)	Accuracy at 37°C	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Doors (inner/outer)	Power		Catalog number	Price
			Chamber	Overall†				VAC	Hz		
Natural convection incubators, temperature range 5° above ambient to 100°C											
0.7 (20)	±0.2°C	±0.5°C	8¾" x 13" x 11"	17⅛" x 19⅜" x 20⅝"	3	2	1/1	115	60	GY-39072-00	
			(22.2 x 33.0 x 27.7 cm)	(43.3 x 49.2 x 51.6 cm)				230	50/60	GY-39072-02	
1.9 (53)	±0.1°C	±0.5°C	15¾" x 15¾" x 13"	25" x 24⅜" x 22⅝"	3	2	1/1	115	60	GY-39072-04	
			(40.0 x 40.0 x 33.0 cm)	(63.4 x 61.7 x 57.5 cm)				230	50/60	GY-39072-06	
25.7 (720)	±0.1°C	±0.5°C	39⅜" x 47¼" x 23⅜"	48⅜" x 60¼" x 34⅜"	16	2	2/2	115	60	GY-39072-20	
			(100.0 x 120.0 x 60.0 cm)	(123.4 x 152.8 x 86.5 cm)				230	50/60	GY-39072-22	
Forced convection incubators, temperature range 5° above ambient to 100°C											
8.6 (240)	±0.2°C	±0.3°C	31½" x 23⅝" x 19¾"	40¾" x 32⅝" x 29⅝"	7	2	2/2	115	60	GY-39073-12	
			(80.0 x 60.0 x 50.0 cm)	(103.4 x 82.2 x 74.5 cm)				230	50/60	GY-39073-14	
25.7 (720)	±0.1°C	±0.4°C	39⅜" x 47¼" x 23⅜"	48⅜" x 60¼" x 34⅜"	16	2	2/2	115	60	GY-39073-20	
			(100.0 x 120.0 x 60.0 cm)	(123.4 x 152.8 x 86.5 cm)				230	50/60	GY-39073-22	

†Add 3 3/8" (8.5 cm) for door handle and exhaust duct.

Programmable Incubators

Retain programs even if power fails

- Store up to 50 programs with 15 steps each for later retrieval
- Capabilities include real-time clock, timer with delayed start, RS-232 interface, variable fan speed, and temperature ramp
- Overtemperature safety features

Programmable incubators offer a high degree of precision over the full temperature range. The mechanical forced-air models provide temperature uniformity; the natural air convection models are ideal for gentle incubation.

The safety glass inner door prevents heat and energy loss while samples are being monitored. Other features include a 100 Ω Pt temperature sensor for increased accuracy and a 6-mm access port for additional temperature sensors and cables.

What's included: a 6-ft (1.8-m) power cord (115 VAC models have a US standard plug; 230 VAC models have a European plug).



Capacity cu ft (L)	Temp. range	Accuracy	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price	Additional shelves	
				Chamber	Overall							Cat. no.	Price
Mechanical forced-air convection incubators													
1.4 (39.6)	5° above ambient to 110° C	±0.1°C	±0.2°C	15 ⁵ / ₈ " x 14 ⁵ / ₁₆ " x 12"	25 ⁵ / ₁₆ " x 20" x 20"	8	1	115	66	GY-39701-00		—	—
				(38.4 x 38.8 x 30.5 cm)	(64.3 x 50.8 x 50.8 cm)			230	(30)	GY-39701-05			
2.8 (79.3)		±0.1°C	±0.2°C	19 ¹ / ₈ " x 15 ³ / ₄ " x 15 ¹ / ₂ "	29 ¹ / ₂ " x 21 ⁵ / ₁₆ " x 23 ³ / ₁₆ "	8	1	115	110	GY-39701-10			
				(48.6 x 40 x 39.4 cm)	(74.9 x 54.1 x 59.2 cm)			230	(50)	GY-39701-15			
5.6 (158.6)		±0.1°C	±0.2°C	21 ¹ / ₈ " x 22 ⁷ / ₈ " x 18 ³ / ₄ "	31 ¹ / ₂ " x 28 ⁵ / ₁₆ " x 26 ³ / ₄ "	8	2	115	146	GY-39701-20			
				(53.7 x 58.1 x 47.6 cm)	(80 x 71.9 x 67.9 cm)			230	(66)	GY-39701-25			
8.5 (240)	±0.1°C	±0.2°C	24 ⁵ / ₁₆ " x 26 ³ / ₄ " x 20 ⁵ / ₁₆ "	35" x 32 ⁵ / ₁₆ " x 28 ⁵ / ₁₆ "	9	2	115	172	GY-39701-30				
			(61.8 x 67.9 x 51.6 cm)	(88.9 x 82.1 x 71.9 cm)			230	(78)	GY-39701-35				
14.0 (396)		±0.1°C	±0.2°C	28 ¹ / ₂ " x 30 ³ / ₄ " x 27 ³ / ₈ "	39" x 36 ¹ / ₄ " x 35 ³ / ₈ "	9	2	115	265	GY-39701-40			
				(72.4 x 78.1 x 69.5 cm)	(99.1 x 92.1 x 89.9 cm)			230	(120)	GY-39701-45			
Natural air convection incubators													
1.8 (51.0)	5° above ambient to 80° C	±0.5°C	±0.1°C	13 ³ / ₈ " x 14 ¹ / ₂ " x 16 ⁵ / ₈ "	18" x 20 ¹ / ₁₆ " x 23 ¹ / ₄ "	8	2	115	99	GY-39702-00		GY-39702-52	
				(34 x 36.8 x 41 cm)	(45.7 x 52.5 x 59.1 cm)			230	(45)	GY-39702-05			
4.2 (118.9)		±0.5°C	±0.1°C	17 ³ / ₄ " x 19 ¹ / ₁₆ " x 20 ⁷ / ₈ "	22 ⁷ / ₁₆ " x 25 ¹ / ₂ " x 28 ⁵ / ₁₆ "	8	2	115	121	GY-39702-10		GY-39702-54	
				(45.1 x 50 x 53 cm)	(57 x 64.8 x 71.9 cm)			230	(55)	GY-39702-15			

[GY-39702-56](#) Stacking adapter for natural air convection incubators

[GY-39702-58](#) Air filter for natural air convection incubators

Portable Benchtop Chilling Incubator

Take it where you need it

- Stackable, compact design saves bench space
- Optional carrying strap and 12 VDC car adapter for easy transporting of samples
- Resists dents, cracks, and chemical attack

Unit features large three-digit display and simple two-button operation. Digital microcomputer provides display accuracy and temperature uniformity. Solid-state Peltier module provides either heating or cooling functions. A brushless DC computerized fan ensures thousands of hours of quiet and vibration-free operation. Urethane foam insulation and rubber door gasket help to maintain uniform temperatures.

What's included: two removable metal shelves with plastic liners and 100 to 240 VAC power supply.



Capacity cu ft (L)	Temperature range	Accuracy	Temperature uniformity	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
0.88 (24.9)	5 to 65°C	±0.7°C	±1°C	16 1/2" x 12 1/2" x 20 1/2"	14 1/4" x 7 3/4" x 13"	2	2	100 to 240, 50/60	22 (10)	GY-39064-21	
				(42 x 32 x 52 cm)	(36 x 19.7 x 33 cm)						

[GY-39064-22](#) Accessory kit contains 12 VDC car adapter and carrying strap

Incubators

Cole-Parmer® Chilling Incubators

No harmful refrigerants or CFC's

- Peltier-based element heats and chills with precise control even at sub-ambient temperatures
- Clear plastic inner door allows you to view your samples while maintaining chamber environment

Feature a user-selectable timer (up to 99 hr, 99 min) with audible alarm and auto-off function. Programmable models store up to three programs of up to ten steps each. Built-in RS-232 lets you interface with your computer.

What's included: a 7-ft (2.1-m) cord with three-prong plug.






Capacity cu ft (L)	Temperature range	Accuracy	Uniformity	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
Nonprogrammable chilling incubators											
1 (28.3)	4 to 70°C	±0.2°C	±0.5°C	14" x 12" x 10" (35.6 x 30.5 x 25.4 cm)	22¼" x 15½" x 18½" (56.5 x 39.4 x 47.0 cm)	4	2	115, 50/60 230, 50/60	49 (22.3)	GY-39050-20 GY-39050-25	
2 (56.6)		±0.2°C	±0.5°C	14" x 24" x 10" (35.6 x 61.0 x 25.4 cm)	22¼" x 28¼" x 18½" (56.5 x 71.8 x 47.0 cm)	6	4	115, 50/60 230, 50/60	65 (29.5)	GY-39050-40 GY-39050-45	
Programmable chilling incubators											
1 (28.3)	4 to 70°C	±0.2°C	±0.5°C	14" x 12" x 10" (35.6 x 30.5 x 25.4 cm)	22¼" x 15½" x 18½" (56.5 x 39.4 x 47.0 cm)	4	2	115, 50/60 230, 50/60	49 (22.3)	GY-39050-30 GY-39050-35	
2 (56.6)		±0.2°C	±0.5°C	14" x 24" x 10" (35.6 x 61.0 x 25.4 cm)	22¼" x 28¼" x 18½" (56.5 x 71.8 x 47.0 cm)	6	4	115, 50/60 230, 50/60	65 (29.5)	GY-39050-60 GY-39050-65	

Refrigerated Incubators

Get precise low temperature control

- Widest standard range: -10 to 100°C for complex incubation routines
- Rapid temperature recovery rates: under two minutes at 37°C
- Disinfection routine up to 100°C

Delayed ON, delayed OFF, and temperature-dependent delayed OFF timer functions plus program storage capability up to 20 segments. Independent adjustable temperature safety devices with visual alarm. The RS-422 interface for standard software guarantees seamless documentation of all testing parameters. Validated in accordance with GLP/GMP and FDA21 CFR Part 11 requirements. The RS-232/422 interface converter allows you to output performance data to a printer.

Hermetically sealed inner glass door(s) allow you to monitor samples without influencing chamber conditions. Units with capacity up to 4.1 cu ft (115 L) are stackable.

What's included: two stainless steel racks and 6-ft (1.8-m) power cord with plug.

Specifications

Temperature range: -10 to 100°C (except for 39071-02 which is 0 to 100°C)

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Capacity cu ft (L)	Accuracy		Uniformity		Dimensions (W x H x D)		Shelf positions	Shelves included	Doors (inner/outer)	Power VAC, Hz	Catalog number	Price
	Heating	Cooling	at 10°C	at 37°C	Chamber	Overall†						
0.7 (20)	±0.4°C	±0.3°C	±0.5°C	±0.5°C	8¾" x 13" x 11" (22.2 x 33.0 x 27.7 cm)	17½" x 19¾" x 20¾" (43.3 x 49.2 x 51.6 cm)	3	2	1/1	115, 60 230, 50/60	GY-39071-00 GY-39071-02	
1.9 (53)	±0.1°C	±0.3°C	±0.5°C	±0.4°C	15¾" x 15¾" x 13" (40.0 x 40.0 x 33.0 cm)	25" x 24¾" x 22¾" (63.4 x 61.7 x 57.5 cm)	4	2	1/1	115, 60 230, 50/60	GY-39071-04 GY-39071-06	
4.1 (115)	±0.1°C	±0.3°C	±0.5°C	±0.4°C	23¾" x 18¾" x 15¾" (60.0 x 48.0 x 40.0 cm)	32¾" x 27¾" x 25¾" (83.4 x 70.2 x 64.5 cm)	5	2	1/1	115, 60 230, 50/60	GY-39071-08 GY-39071-10	
14.3 (400)	±0.1°C	±0.3°C	±0.6°C	±0.3°C	25¾" x 51½" x 18½" (65.0 x 130.8 x 47.0 cm)	34¾" x 72¾" x 28¼" (88.4 x 185.0 x 71.6 cm)	10	2	1/1	115, 60 230, 50/60	GY-39071-16 GY-39071-18	
25.7 (720)	±0.1°C	±0.3°C	±0.6°C	±0.4°C	39¾" x 46" x 23¾" (100.0 x 116.8 x 60.0 cm)	48¾" x 71½" x 34½" (123.4 x 181.6 x 86.7 cm)	16	2	2/2	115, 60 230, 50/60	GY-39071-20 GY-39071-22	

†Add 2¾" (73 mm) for door dandle on 39071-02; add 3¾" (100 mm) for all other models.

Peltier-Cooled Low-Temperature Incubators

Save money with reduced maintenance and operational costs

- Don't worry about temperature fluctuations—excellent temperature uniformity maintain proper temperature in all areas
- Utilize stirrers and shakers within units with convenient access ports for power cords
- RS-485 communication interface and 40-step programmable controller

Incubators feature a thermoelectric cooling system instead of a refrigeration compressor for 75% less power consumption and no refrigerant. Ideal for biochemical oxygen demand (BOD) testing and other low-temperature applications. Get better temperature distribution with mechanical convection, ensuring all shelf areas are maintained at the proper temperature. Overtemperature thermostat with alarm alerts to temperature problems. Built-in temperature controller lets you program 40-step ramp/soak profiles or four files with 10 steps per file.



Capacity (cu ft)	Temperature uniformity	Temperature range	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
			Chamber	Overall						
6.5 (185)	±0.55°C (at 15 to 28°C ambient, 50% RH)	15 to 40°C	25.6" x 24.1" x 18.5" (64.7 x 60.9 x 46.9 cm)	31.8" x 32.2" x 33.5" (76.2 x 80.1 x 85.1 cm)	2	2 stationary	110 to 120, 50/60	259 (118)	GY-39354-50	
19.5 (552)			25.6" x 24.1" x 54.8" (64.7 x 60.9 x 138.4 cm)	31.8" x 32.2" x 69.6" (76.2 x 80.1 x 176.6 cm)	5	4 stationary, 1 sliding		380 (172)	GY-39354-55	

Accessories

- [GY-39354-11](#) Replacement sliding shelf bracket
- [GY-39354-12](#) Replacement stationary incubator shelf
- [GY-39354-13](#) Optional/replacement sliding shelf with brackets

Peltier-Cooled Drosophila Incubators

Get optimal development and growth

NEW

- Maintains optimal temperature range for best results
- Simulate night/day with programmable temperature and light cycles
- Exceptional temperature uniformity minimizes hot/cold spots
- Keep flies safe with overtemperature alarm

Incubators feature programmable temperature and light cycles for ideal reproduction environment, allowing for 40-step ramp/soak profiles or four files with 10 steps per file. Reduce power usage by 75% and eliminate refrigerant with the Peltier cooling system.

Units come standard with RS-485 interface and independent overtemperature thermostat with alarm.



Capacity (cu ft)	Temperature range	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
			Chamber	Overall						
6.5 (185)	15 to 40°C	±0.55°C (at 15 to 28°C ambient, 50% RH)	25.6" x 24.1" x 18.5" (64.7 x 60.9 x 46.9 cm)	31.8" x 32.2" x 33.5" (76.2 x 80.1 x 85.1 cm)	2	2 stationary	110 to 120, 50/60	259 (118)	GY-39354-00	
19.5 (552)			25.6" x 24.1" x 54.8" (64.7 x 60.9 x 138.4 cm)	31.8" x 32.2" x 69.6" (76.2 x 80.1 x 176.6 cm)	5	4 stationary, 1 sliding		380 (172)	GY-39354-05	

Accessories

- [GY-39354-11](#) Replacement sliding shelf bracket
- [GY-39354-12](#) Replacement stationary incubator shelf
- [GY-39354-13](#) Optional/replacement pull-out shelf with brackets

Incubators

Small-Capacity CO₂ Incubator

Get full-size performance in a space-saving footprint

- Conveniently sized for dedicated-use applications
- Accessible data communications via RS-485 output

This economical, compact incubator accommodates up to 35 culture flasks. The unit has an intuitive touchpad and bright digital display for easy entry of temperature, CO₂, and alarm data. Keyed set point switch prevents unauthorized changes to the operating parameters.

Radiant wall heating and natural convection provide even heat distribution on all sides for control and uniformity, while a thermal conductivity sensor located within chamber ensures responsive CO₂ control and a long service life. The removable water reservoir can generate relative humidity values up to 95% to promote optimal cell growth.

Tempered glass inner door and nonporous gasket protect samples and prevent condensation. Seamless, noncorrosive 304 stainless steel interior with rounded corners is easy to clean. Both audible and visual user-settable alarms ensure the unit is operating properly.

What's included: four adjustable stainless steel shelves and power cord.



Specifications

CO₂ range: 0 to 20% with $\pm 0.1\%$ control accuracy

Temperature range: $\pm 5^{\circ}\text{C}$ above ambient to 60°C

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Capacity cu ft (L)	Accuracy	Uniformity at 37°C	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
			Chamber	Overall						
1.4 (39.6)	$\pm 0.1^{\circ}\text{C}$	$\pm 0.4^{\circ}\text{C}$	14" x 14" x 12" (35.5 x 35.5 x 30.5 cm)	23½" x 18" x 18½" (60 x 46.5 x 47 cm)	4	4	120, 60 230, 50/60	70 (32)	GY-39320-41 GY-39320-42	

Sterilization Cycle CO₂ Incubators

Eliminate contamination worries

- Large chamber provides ample room for samples
- Stackable to preserve lab space
- In-chamber HEPA air filtration system continuously filters the entire chamber volume regularly to maintain cleanroom-like Class 100 air-quality conditions
- On-demand 140°C high-temperature sterilization cycle eliminates contamination

Programmable specifications include temperature and CO₂ concentration, configurable audible on/off, an access code, a HEPA filter change reminder, remote alarm contacts, tracking low temperature, 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

CO₂ range: 0 to 20% with $\pm 0.1\%$ control

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

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

Water-Jacketed CO₂ Incubators

Get consistent temperatures even in power loss

- Temperature-adjustable heated door provides improved viewing of cultures
- Audible and visual alarms indicate temperature and CO₂ concentration deviations
- Validatable in-chamber HEPA air filtration system—helps maintain your cultures in Class 100 air quality conditions
- TC sensor for constant temperature and humidity applications
- IR sensor for changing temperature and humidity conditions

Built-in RS-485 port can be used to transfer temperature and CO₂ data to a printer.

What's included: four stainless steel shelves.



Specifications

CO₂ range: 0 to 20% with $\pm 0.1\%$ control

Temperature uniformity: $\pm 0.2^\circ\text{C}$ at 37°C

Capacity cu ft (L)	Sensor type	Temperature range	Dimensions (W x H x D)		Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
			Chamber	Overall				
6.5 (184)	TC	5°C above ambient to 55°C	21.4" x 26.8" x 20.0" (54.4 x 68.1 x 50.8 cm)	26.3" x 39.5" x 25.0" (66.8 x 110.3 x 63.5 cm)	90–125, 50/60	324 (147)	GY-39320-04	
					180–250, 50/60		GY-39320-06	
6.5 (184)	IR	5°C above ambient to 55°C	21.4" x 26.8" x 20.0" (54.4 x 68.1 x 50.8 cm)	26.3" x 39.5" x 25.0" (66.8 x 110.3 x 63.5 cm)	90–125, 50/60	324 (147)	GY-39320-08	
					180–250, 50/60		GY-39320-10	

[GY-39320-24](#) Additional shelf

[GY-39320-32](#) Replacement HEPA filter

[GY-39320-34](#) HEPA value pack (4 filters)

Plant Growth Chambers

Maximize plant growth

- Set temperature, humidity, and illumination program parameters which can be repeated up to 999 times
- Dual sensors monitor water level and maintain required humidity levels

Set temperature from 5 to 50°C. Overtemperature safety features protect plants from being exposed to excess heat by shutting off power. Open door alarm minimizes loss of heat and humidity. Inner glass doors let you view plants without impairing interior conditions.

304 stainless steel (304 SS) interior cleans easily. Interior doors are made of tempered glass for added protection and safety. Each unit includes casters for easier transport and installation.

What's included: shelves and power cord with plug.



Specifications

Temperature range

Lights off: 5 to 50°C
Lights on: 10 to 50°C
With humidity: 20 to 50°C

Capacity cu ft (L)	Accuracy	Uniformity	Illumination Range (Lux)	Humidity range		Dimensions (W x H x D)		Power		Shpg wt lb (kg)	Catalog number	Price
				20 to 35°C	36 to 50°C	Chamber	Overall	VAC	Hz			
10.6 (300)	$\pm 0.1^\circ\text{C}$	$\pm 0.8^\circ\text{C}$	0 to 20,000	—	—	20" x 43 $\frac{5}{16}$ " x 21 $\frac{1}{16}$ " (50.8 x 110 x 54.1 cm)	27 $\frac{5}{8}$ " x 74 $\frac{13}{16}$ " x 30 $\frac{1}{8}$ " (70.2 x 189.9 x 76.5 cm)	230	60	550	GY-39353-00	
								230	50	(249.5)	GY-39353-05	
10.6 (300)	$\pm 0.1^\circ\text{C}$	$\pm 0.8^\circ\text{C}$	0 to 20,000	40 to 80%	70 to 90%	20" x 43 $\frac{5}{16}$ " x 21 $\frac{1}{16}$ " (50.8 x 110 x 54.1 cm)	27 $\frac{5}{8}$ " x 74 $\frac{13}{16}$ " x 30 $\frac{1}{8}$ " (70.2 x 189.9 x 76.5 cm)	230	60	550	GY-39353-10	
								230	50	(249.5)	GY-39353-15	
35.3 (1000)	$\pm 0.1^\circ\text{C}$	$\pm 0.8^\circ\text{C}$	0 to 35,000	40 to 80%	70 to 90%	47 $\frac{3}{16}$ " x 42 $\frac{1}{2}$ " x 31 $\frac{1}{2}$ " (119.9 x 108.0 x 80.0 cm)	55 $\frac{1}{2}$ " x 84 $\frac{11}{16}$ " x 42 $\frac{1}{8}$ " (141.0 x 215.3 x 107.0 cm)	230	60	1208	GY-39353-20	
								230	50	(547.9)	GY-39353-25	

[GY-39353-70](#) Perforated shelf for 10.6 cu ft models

[GY-39353-72](#) Perforated shelf for 35.3 cu ft models

[GY-39353-80](#) Wire shelf for 10.6 cu ft models

[GY-39353-82](#) Wire shelf for 35.3 cu ft models

[GY-39353-90](#) Recorder with humidity sensor

[GY-39353-95](#) CO₂ control system

Incubators

BOD Incubators

See samples clearly with illuminated interior

- Fully gasketed door with key lock provides safety and temperature stability
- Ideal for BOD and COD determinations, cell and bacterial cultures, and other applications requiring controlled temperature below and above ambient

Incubators have mechanical convection and feature a microprocessor control that provides high and low limit protection set points and front panel calibration. Use the RS-232 to connect to a computer.

Standard Incubator has instructions printed right on the front control panel to help you easily set the temperature protection limits.

Illuminated Incubator is perfect for plant tissue growth or plant pathology studies. Timer allows you to create as many as two heat/light cycles each day for seven days.

What's included: recorder jacks and an 8-ft (2.4-m) power cord with three-prong plug. Illuminated models have two 48" fluorescent lamps that provide over 300 footcandles of uniform light.



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Capacity cu ft (L)	Temperature range	Accuracy	Temperature uniformity†	Dimensions (W x H x D)		Shelf positions	Shelves included	Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
				Chamber	Overall						
Standard BOD incubators											
20.0 (566)	−10 to 50°C	±0.1°C	±0.9°C at −10°C; ±0.5°C at 20°C; ±0.6°C at 50°C	26½" x 57" x 20" (67.3 x 144.8 x 50.8 cm)	27½" x 75" x 26" (69.9 x 190.5 x 66.0 cm)	6	6	115, 60	315 (143)	GY-39350-00	
								230, 50/60		GY-39350-05	
Illuminated BOD incubators											
17.8 (504)	−10 to 50°C (lights off); 10 to 50°C (lights on)	±0.2°C	±2.0°C at −10°C; ±0.6°C at 20°C; ±0.5°C at 50°C	26½" x 57" x 20" (67.3 x 144.8 x 50.8 cm)	27½" x 75" x 26" (69.9 x 190.5 x 66.0 cm)	6	6	115, 60	315 (143)	GY-39350-10	
								230, 50/60		GY-39350-15	

†Uniformity listed is without illumination.

Cole-Parmer® StableTemp™ Undercounter BOD Incubator

Holds up to 114 BOD bottles

- Microprocessor-based controller is conveniently mounted on the door for easy access
- Chamber interior features a two-amp outlet for auxiliary equipment

Incubator includes a chamber safety thermostat set at 62°C. Digital LED display clearly shows temperature readings and alarm indicator. The LED alarm alerts you to over/under temperature conditions. Compressor is protected from accidental overload by a relay. Bottom rollers make installation, leveling, and moving simple.

What's included: chamber safety thermostat, 2 A outlet in the chamber, RTD temperature probe, compressor relay, shelves (two removable; three molded in door), and 8-ft (2.4-m) power cord with US standard plug.



Specifications

Dimensions (W x H x D):

Chamber: 21" x 28¼" x 20½" (53.3 x 71.8 x 52.1 cm)
Overall: 24" x 34½" x 24½" (61 x 87.6 x 62.2 cm)



115 VAC only

StableTemp

Capacity cu ft (L)	Temperature range	Accuracy	Temperature uniformity	Power		Shpg wt lb (kg)	Catalog number	Price
				VAC, Hz	Amps			
6.1	–10 to 60°C	±0.2°C	±1°C	115, 60	6	126 (57.0)	GY-39063-00	
				230, 50	4		GY-39063-05	