

Stirrers

Cole-Parmer® Mini-Stirrer

Stir liquids up to 2000 rpm economically

- Base is manufactured of Hytrel® and the top is chemically resistant nylon
- Features green LED power-on indicator

What's included: 5½-ft. (1.7-m) cord and 5/8" x 1/8" (1.7 x 0.3 cm) stir bar.

Cole-Parmer®



Top plate		Speed range	Max load	Max stirring capacity	Power		Catalog number	Price
Dimensions (W x H x D)	Material				VAC	Hz		
4 5/8" x 3/4" x 4 1/4"	Nylon	350 to 2000 rpm	15 lb	1 L	115	60	GY-04807-10	

Low-Profile Magnetic Stirrer

Continuous operation without the heat—ideal for heat-sensitive samples

- High chemical resistance with ABS plastic design
- Low-profile housing for limited-height locations



CE

Speed range	Max stirring capacity	Power		Catalog number	Price
		VAC	Hz		
10 to 1100 rpm	5 L	120/240	50/60	GY-86579-10	

Ultra-Flat Lab Disc Stirrer

Get more thorough mixing

- Set up to reverse rotation direction every 30 seconds for better mixing
- Intrinsically safe
- No moving parts, making the drive wear-free

What's included: 5½-ft. (1.7-m) power cord and adapters to work with US, EU, Canada, Australia, and UK outlets.



Top plate		Speed range	Max stirring capacity	Power		Catalog number	Price
Dimensions	Material			VAC	Hz		
3½" (8.9 cm) dia	Polyester	15 to 1500 rpm	0.8 L	100/240	50/60	GY-84002-71	

Wait! There's More...

For Hot Plates, [see pages 445–448](#).
For Overhead Mixers and Stirrers, [see pages 520–538](#).

Digital Color Squid and Big Squid Stirrers

Electronically controlled motor for higher capacity stirring

- Compact and accurate with digital LED speed display
- Easy-to-clean glass top for outstanding chemical resistance
- Synthetic base is made of sturdy Hytrel®

What's included: 5½-ft. (1.7-m) power cord and adapters to work with US, EU, Canada, Australia, and UK outlets.



Top plate			Speed range	Max stirring capacity	Power		Catalog number	Price
Design	Dimensions	Material			VAC	Hz		
Color squid								
White	4½" (11.4 cm) dia	Glass	0 to 2500 rpm	1 L	100/240	50/60	GY-84002-01	
US flag							GY-84002-02	
Big squid								
White	6½" (16 cm) dia	Glass	0 to 2500 rpm	1.5 L	100/240	50/60	GY-84002-90	



84002-02

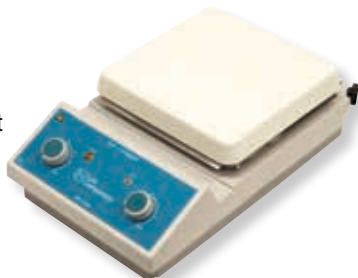


84002-01

Stirring Hot Plate

Simple operation with space-saving economy

- Small footprint and low profile for use in hoods or on a benchtop
- Start up or change speed without stir rod decoupling
- Easy-grip knobs and graduated markings for simple control settings
- Ceramic heating surface resists most chemicals and is easy to clean
- Power: 86578-08: 120 VAC, 50/60 Hz; 86578-09: 230 VAC, 50/60 Hz



What's included: 5.5-ft (1.7-m) detachable power cord with plug.

Top plate		Temp range	Stirring		Catalog number	Price
Dimensions	Material		Speed range	Max capacity		
7" x 7" (17.8 x 17.8 cm)	Ceramic	Up to 716°F (380°C)	100 to 1500 rpm	5 L	GY-86578-08 GY-86578-09	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plate

Magnetic Stirrers

Prevent glassware from slipping off stirrer top

- Choose nonslip white or black silicone plate cover to best contrast your application

Constructed of lightweight polypropylene for easy handling, and the rubber feet stabilize the unit in the highest speed setting. Brushless motor provides durability and quiet operation. Power: 100 to 240 VAC, 50/60 Hz.

What's included: One black and one white silicone plate cover, and 6-ft (1.8-m) cord.



Silicone plate cover (included)



Top plate		Speed range	Max stirring capacity	Catalog number	Price
Dimensions	Material				
4¾" dia (12.1 cm)	Polypropylene	150 to 2500 rpm	2 L	GY-86575-07	
6¾" dia (17.1 cm)	Polypropylene	150 to 2500 rpm	4 L	GY-86575-09	
8¾" dia (21.8 cm)	Polypropylene	150 to 2500 rpm	5 L	GY-86575-11	

Cole-Parmer® Battery-Powered Magnetic Stirrer

Portable—ideal for field analysis

- Stepless speed control to 700 rpm

Take this compact, battery-powered magnetic stirrer anywhere or use it in the lab and eliminate the need for cumbersome extension cords. Stirrer features stepless speed control knob, corrosion-resistant epoxy-coated metal case, nonskid rubber top plate, and four rubber feet.

What's included: two AA batteries.



Top plate		Speed range	Max load	Max stirring capacity	Catalog number	Price
Dimensions	Material					
3¾" x 3¾" (9.5 x 9.5 cm)	Metal	200 to 700 rpm	10 lb (4.5 kg)	2.5 L	GY-04804-01	

[GY-08550-00](#) Mono-Mold® standard stir bar with spinning ring. Measures 1" L x ⅜" dia (2.5 x 1.0 cm)

[GY-04770-40](#) Mono-Mold® standard stir bar without spinning ring. Measures 1" L x ⅜" dia (2.5 x 1.0 cm)

[GY-09376-01](#) Replacement batteries, AA. Pack of 4

Scholar® 171 Stirrer

Save on benchtop space

- Economical stirrer has a vigorous alternating motor for longer life
- Top plate is manufactured in white plastic and is easy to clean

What's included: a 6-ft (1.8-m) cord with plug.



Top plate		Speed range	Max load	Power		Catalog number	Price
Dimensions	Material			VAC	Hz		
5" x 5" (12.7 x 12.7 cm)	Plastic	100 to 1600 rpm	10 lb (4.5 kg)	120	60	GY-04809-60	

Cole-Parmer® Stir Bar Kits

- Chemically inert, low-friction, leakproof PTFE coating



Bar type	With spinning ring	Without spinning ring
Cat. no.	GY-04775-99	GY-04775-98
Length x diameter†	Two each of: 1/2" x 5/16", 5/8" x 5/16", 1" x 3/8", 1 1/2" x 3/8", 2" x 3/8", 2 1/2" x 3/8"	Two each of: 7/16" x 3/16", 1/2" x 5/16", 3/4" x 5/16", 1" x 3/8", 1 1/4" x 3/8", 1 1/2" x 3/8", 2" x 3/8", 2 1/2" x 1/2", 3" x 1/2"
Total/pk	12 stir bars	18 stir bars
Price/pk		

†Diameter given does not include the diameter of the spinning ring.

Touch Stirrers**Stop splashing with gradual start-up**

- Easy-to-clean polypropylene top
- Programmable digital control—timed rundown from 99 hours 59 minutes, or operate in continuous mode
- Keep samples safe—will not generate heat

What's included: power cord with plug (230 VAC includes cord set with plugs for China, Europe, and UK).

**NEW**

Top plate		Stirring		Power		Catalog number	Price
Dimensions	Materials	Speed range	Max capacity	VAC	Hz		
6¾" (17 cm) dia	Polypropylene	30 to 2000 rpm	4 L	120 to 240	50/60	GY-86576-08	
						GY-86576-09	
6¾" (17 cm) dia	Polypropylene	30 to 2000 rpm	5 L	120 to 240	50/60	GY-86576-11	
						GY-86576-12	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

[GY-86576-89](#) Replacement nonslip silicone plate cover for 86576-08, -09. White, 6¾" (17 cm) dia

[GY-86576-91](#) Replacement nonslip silicone plate cover for 86576-11, -12. White, 8¾" (22 cm) dia

Hot Plate Stirrer**Prevents overheating of sample**

- Overheat prevention turns heater off if temperature reaches 842°F (450°C)
- Corrosion resistant, easy-to-clean ceramic top
- "Hot top" warning alerts lab personnel of potential hazards
- Expand flexibility with optional heating bath, safety shield, and supporting rod
- Stirring range: 50 to 2000 rpm (20 L max capacity)

What's included: power cord with plug (230 VAC model includes cord set with plugs for China, Europe, and UK).

**NEW**

Top plate		Heating		Power		Catalog number	Price
Dimensions	Materials	Temp range	Max load	VAC	Hz		
5½" (14 cm) dia	Ceramic-coated aluminum	Ambient to 662°F (350°C)	55 lb (25 kg)	120	60	GY-86576-03	
				230	50/60	GY-86576-04	

[GY-86576-97](#) Heating bath, 500 mL

[GY-86576-98](#) Transparent shield, polycarbonate

[GY-86576-99](#) Support rod, 15¾" L x ½" dia (4 x 1.2 cm), M10

[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plates

Cole-Parmer® StableTemp™ Stirrers and Stirring Hot Plates**Get precise speed and temperature control across range**

- Stay safe—hot surface warning until plate cools below 50°C
- Don't worry about spills—liquids diverted away from internal components for longer life
- Improved accuracy with LED display
- Corrosion-resistant ceramic top

Advanced Stirring Hot Plate

- More accurate results with separate heat and stirring displays
- Protect you and your sample with overtemperature protection
- Includes temperature probe, rod, and clamp

**StableTemp**

Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
StableTemp stirrers									
4" x 4" (10.2 x 10.2 cm)	Ceramic	—	—	30 to 1200 rpm	1 L	120	50/60	GY-03406-00	
						230	50/60	GY-03406-05	
7" x 7" (17.8 x 17.8 cm)	Ceramic	—	—	30 to 1200 rpm	4 L	120	50/60	GY-03406-10	
						230	50/60	GY-03406-15	
10" x 10" (25.4 x 25.4 cm)	Ceramic	—	—	30 to 1200 rpm	6 L	120	50/60	GY-03406-30	
						230	50/60	GY-03406-35	
StableTemp stirring hot plates									
4" x 4" (10.2 x 10.2 cm)	Ceramic	86 to 1004°F (30 to 540°C)	15 lb (6.8 kg)	30 to 1200 rpm	1 L	120	50/60	GY-03407-00	
						230	50/60	GY-03407-05	
7" x 7" (17.8 x 17.8 cm)	Ceramic	86 to 1004°F (30 to 540°C)	25 lb (11.4 kg)	30 to 1200 rpm	4 L	120	50/60	GY-03407-10	
						230	50/60	GY-03407-15	
10" x 10" (25.4 x 25.4 cm)	Ceramic	86 to 752°F (30 to 400°C)	35 lb (15.9 kg)	30 to 1200 rpm	6 L	120	50/60	GY-03407-30	
						230	50/60	GY-03407-35	
StableTemp advanced stirring hot plate									
7" x 7" (17.8 x 17.8 cm)	Ceramic	86 to 1004°F (30 to 540°C)	25 lb (11.4 kg)	30 to 1200 rpm	4 L	120	50/60	GY-03407-40	
						230	50/60	GY-03407-45	

Cole-Parmer® Stirrers and Stirring Hot Plates

Get to work faster—reach max temperature in two minutes

- Stir bar doesn't dance—unique U-shaped magnet holds stir bar tightly
- Front-panel controls are positioned to prevent you from touching the hot plate
- Choose corrosion-resistant ceramic or more uniform aluminum top
- Stepless speed control provides smooth stirring action to 1500 rpm

A large, permanent drive magnet, ensures positive coupling of drive to stir bar. Permanently lubricated, brushless drive motor provides long, trouble-free operation.



Volume per position	Top plate		Heating		Speed range	115 VAC, 60 Hz		230 VAC, 50 Hz	
	Dimensions	Material	Temp range	Max load		Cat. no.	Price	Cat. no.	Price
Stirrers									
2.5 L	6" x 6" (15.2 x 15.2 cm)	Aluminum	—	15 lb (6.8 kg)	100 to 1500 rpm	GY-04802-01		GY-04802-03	
10 L	12" x 12" (30.5 x 30.5 cm)	Aluminum	—	25 lb (11.4 kg)	100 to 1500 rpm	GY-04802-11		GY-04802-13	
Stirring hot plates									
2.5 L	6" x 6" (15.2 x 15.2 cm)	Aluminum	120 to 700°F (49 to 371°C)	15 lb (6.8 kg)	100 to 1500 rpm	GY-04803-01		GY-04803-03	
2.5 L	6" x 6" (15.2 x 15.2 cm)	Ceramic	120 to 842°F (49 to 450°C)	15 lb (6.8 kg)	100 to 1500 rpm	GY-04803-05		GY-04803-07	
10 L	12" x 12" (30.5 x 30.5 cm)	Aluminum	120 to 700°F (49 to 371°C)	25 lb (11.4 kg)	100 to 1500 rpm	GY-04803-11		GY-04803-13	
10 L	12" x 12" (30.5 x 30.5 cm)	Ceramic	120 to 752°F (49 to 400°C)	25 lb (11.4 kg)	100 to 1500 rpm	GY-04803-15		GY-04803-17	

Cole-Parmer® Analog Stirrers and Stirring Hot Plates

Compact, space-saving design

- Integral ring-stand holder accommodates ½"-dia support rod
- Maximum temperature reached in 8 minutes
- Corrosion-resistant ceramic top is easy to clean



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
Stirrers									
4" x 4" (10.2 x 10.2 cm)	Ceramic	—	—	100 to 1000 rpm	1 L	120	50/60	GY-04807-30	
7" x 7" (17.8 x 17.8 cm)				4 L	120	50/60	GY-04807-35		
Stirring hot plates									
4" x 4" (10.2 x 10.2 cm)	Ceramic	302 to 1000°F (150 to 538°C)	10 lb / 25 lb	100 to 1000 rpm	1 L	120	50/60	GY-04807-40	
7" x 7" (17.8 x 17.8 cm)				4 L	120	50/60	GY-04807-45		

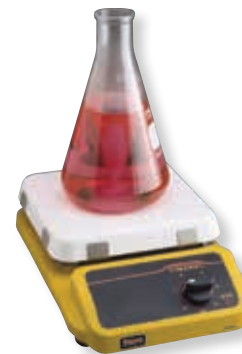
GY-17002-27 NIST-traceable calibration with data for stirrer and hot plate



Ceramic-Top Stirrers and Stirring Hot Plates

Maintain a more constant speed

- Stir Trac™ braking feature brings stir bar to an immediate stop for quick flask removal
- Improved slow speed stirring, consistent speed control, and stronger magnetic coupling
- Reflective white ceramic top for visibility and alkali/acid resistance surface
- LED indicates temperature setting in 5° increments
- Warning light signal system goes off when heating surface is 50°C (122°F) protecting user from accidental burns



Top plate		Heating		Stirring		120 VAC, 60 Hz		230 VAC, 50 Hz	
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	Cat. no.	Price	Cat. no.	Price
Stirrers									
4" x 4" (10.2 x 10.2 cm)	Ceramic	—	15 lb	60 to 1200 rpm	1 L	GY-04660-40		GY-04660-45	
7" x 7" (17.8 x 17.8 cm)				60 to 1200 rpm	4 L	GY-04660-50		GY-04660-55	
10" x 10" (25.4 x 25.4 cm)				60 to 1200 rpm	6 L	GY-04660-60		GY-04660-65	
Stirring hot plates									
4" x 4" (10.2 x 10.2 cm)	Ceramic	41 to 1004°F (5 to 540°C)	15 lb	60 to 1200 rpm	1 L	GY-04660-70		GY-04660-75	
7" x 7" (17.8 x 17.8 cm)				60 to 1200 rpm	4 L	GY-04660-80		GY-04660-85	
10" x 10" (25.4 x 25.4 cm)				60 to 1200 rpm	6 L	GY-04660-90		GY-04660-95	

Ceramic-Top Stirrers and Stirring Hot Plates

Get precise digital control with superior stirring

- Extremely fast heating
- White ceramic top plate cleans easily and resists alkalis and acids
- Don't overheat—over-temperature safety circuit fixed at 1022°F (550°C)
- Optional temperature sensor for more precise temperature control



What's included: a 5-ft (1.5-m) cord.



Top plate		Temperature range	Speed range	Max stirring capacity	120 VAC (50/60)		240 VAC (50/60)	
Dimensions	Material				Cat. no.	Price	Cat. no.	Price
Stirrers								
4" x 4" (10.2 x 10.2 cm)	Ceramic	—	100 to 1500 rpm	5 L	GY-04671-38		GY-04671-40	
7" x 7" (17.8 x 17.8 cm)				10 L	GY-04671-42		GY-04671-44	
10" x 10" (25.4 x 25.4 cm)				15 L	GY-04671-46		GY-04671-48	
Stirring hot plates								
4" x 4" (10.2 x 10.2 cm)	Ceramic	122 to 932°F (50 to 500°C)	100 to 1500 rpm	5 L	GY-04671-26		GY-04671-28	
7" x 7" (17.8 x 17.8 cm)				10 L	GY-04671-30		GY-04671-32	
10" x 10" (25.4 x 25.4 cm)				15 L	GY-04671-34		GY-04671-36	

Stirrers and Stirring Hot Plates

No lurching with quick start-up motor

- Precise adjustment of settings in 1°/1-rpm increments displayed on bright LED display
- Prevent burns with flashing, red "hot top" light
- Convenient timer shuts off the unit when the timed cycle is complete
- RS-232 port allows for output of time count, temperature, and setpoint directly to your PC
- StirTrac™ system for more precise control of stirring through changes in sample viscosity
- Stirring hot plates feature single knob control allowing digital adjustment of temperature in 1° increments up to 698°F (370°C).

What's included: 6½-ft (1.9-m) cord with plug. Stirring hot plates also include an external 6"L (15.2 cm) temperature probe.



Top plate		Heating		Stirring		120 VAC (60)		220-240 VAC (50/60)	
Dimensions	Material	Temperature range	Max load	Speed range	Max capacity	Cat. no.	Price	Cat. no.	Price
Super-Nuova stirrers									
7" x 7" (17.8 x 17.8 cm)	Ceramic	—	25 lb(11 kg)	50 to 1200 rpm	20 L	GY-86576-00		GY-86576-05	
10" x 10" (25.4 x 25.4 cm)		—	35 lb(16 kg)	50 to 1200 rpm	20 L	GY-86576-10		GY-86576-15	
Super-Nuova stirring hot plates									
7" x 7" (17.8 x 17.8 cm)	Ceramic	41 to 698°F (5 to 370°C)	25 lb(11 kg)	50 to 1200 rpm	20 L	GY-86576-50		GY-86576-55	
7" x 7" (17.8 x 17.8 cm)	Aluminum	41 to 572°F (5 to 300°C)	25 lb(11 kg)	50 to 1200 rpm	20 L	GY-86576-60		GY-86576-65	
10" x 10" (25.4 x 25.4 cm)	Ceramic	41 to 698°F (5 to 370°C)	35 lb(16 kg)	50 to 1200 rpm	20 L	GY-86576-70		GY-86576-75	

Advanced Hot Plate Stirrer

Receive accurate, real-time temperature readings

- Corrosion resistant, ceramic-coated aluminum top for excellent temperature uniformity
- Won't overheat—heater turns off if top plate temperature reaches 842°F (450°C)
- "Hot top" warning visually alerts lab personnel of potential hazard
- Easy operation with three user-selectable temperature control modes: optimal, fast, and slow
- Add optional heating bath, safety shield, supporting rod and clamps for additional flexibility

What's included: temperature probe and power cord with plug (230 VAC model includes cord set with plugs for China, Europe, and UK).

NEW



Top plate		Heating temp range	Max load	Stirring		Power		Catalog number	Price
Dimensions	Materials			Speed range	Max capacity	VAC	Hz		
5½" (14 cm) dia	Ceramic-coated aluminum	Ambient to 662°F (350°C)	55 lb (25 kg)	30 to 2000 rpm	20 L	120	60	GY-86576-06	
						230	50/60	GY-86576-07	

Round-Top Stirring Hot Plate

Get temperature uniformity and durability

- Aluminum plate ensures optimal heat transfer while ceramic coating promotes excellent chemical resistance
- Low-profile design provides maximum user comfort
- Spill-safe design channels spills away from controls and internal components

NEW

Raised front panel features easy-to-use temperature and speed controls and the ceramic-coated heating plate provides easy cleaning and resistance to scratches and surface abrasions. For maximum control, connect the optional Vertex temperature controller for direct temperature control of the liquid (sold separately).

What's included: 6-ft (1.8-m) power cord and plug.



Top plate		Temperature range	Stirring		Power		Catalog number	Price
Dimensions	Materials		Speed range	Max capacity	VAC	Hz		
6.1" (15.5 cm) dia	Ceramic-coated aluminum alloy	Ambient to 698°F (370°C)	0 to 1200 rpm	20 L	115	60	GY-86579-50	
					230	50	GY-86579-51	
					230	60	GY-86579-52	

[GY-86579-36](#) Vertex digital temperature controller



INNOCAL®
INNOVATIVE CALIBRATION SOLUTIONS

Calibrate to ensure accuracy

[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plate

Digital Stirring Hot Plates

Temperature ramping for exact heating and cooling rates

- Timer allows hands-free operation and exact heating times
- Know if top plate is hot or unit has reached over temperature status with indicator light

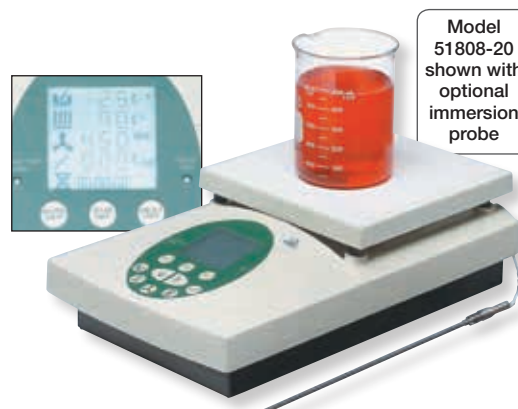
Set temperature ramp rate from 1°C/hr to 400°C/hr. Platinum RTD measurement provides precision and accuracy over entire temperature range to 842°F (450°C). Memory stored temperature calibration can be reset using the probe calibration kit (sold separately below).

What's included: a 6-ft (1.8-m) three-wire grounded AC power cord and fuse holder.



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
9" x 9" (22.9 x 22.9 cm)	Glass	842°F (450°C)	25 lb (11 kg)	100 to 1500 rpm	2 L	115	50/60	GY-51808-20	
						230	50/60	GY-51808-25	

[GY-04646-35](#) Temperature probe calibration kit



Model 51808-20 shown with optional immersion probe

Immersion Probes for EchoTherm Stirring Hot Plates

Length	Material	Cat. no.	Price
6"	SS, platinum RTD	GY-04646-15	
10"	SS, platinum RTD	GY-04646-20	
6"	PTFE, platinum RTD	GY-04646-25	
6"	Glass, platinum RTD	GY-04646-30	

Programmable Digital Stirring Hot Plates

Store up to 10 programs for instant recall

- Heat up to 450°C in approximately 2 minutes
- Platinum RTD temperature measurement for ±1% accuracy

Repeat any program up to 98 times automatically. Multiple temperatures, temperature ramp rates, stirring speeds and timed events can be stored. Includes timer to 99 hours, 59 minutes with auto-off option. Unit can be programmable or non-programmable in operation. Stirrer is manufactured in a durable aluminum body with a flat 8" x 8" (20.3 x 20.3 cm) white ceramic top plate. Offers RS-232 interface for control or recording data via a computer.

What's included: a 6-ft (1.8m) cord with plug.



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
8" x 8" (20.3 x 20.3 cm)	Ceramic	0 to 842°F	25 lb (11 kg)	100 to 1500 rpm	4 L	120	50	GY-04646-00	
		(0 to 450°C)				230	60	GY-04646-10	



Stirrers

Digital Stirrers and Stirring Hot Plates

Maintain constant speed and temperature

- Conserve lab space—fits inside a hood or cabinet
- Get uniform heating, easy cleaning, and scratch-resistance
- Temperature display is adjustable in 5° increments and indicates when set temperature is reached



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
Stirrers									
5" x 7" (12.7 x 17.8 cm)	Glass ceramic	—	25 lb	60 to 1150 rpm	5 L	120	60	GY-84302-40	
						220	50	GY-84302-45	
10" x 10" (25.4 x 25.4 cm)	Glass ceramic	—	25 lb	60 to 1150 rpm	19 L	120	60	GY-84302-50	
						220	50	GY-84302-55	
Stirring hot plates									
5" x 7" (12.7 x 17.8 cm)	Glass ceramic	41 to 1022°F (5 to 550°C)	25 lb	60 to 1150 rpm	5 L	120	60	GY-84303-40	
						220	50	GY-84303-45	
10" x 10" (25.4 x 25.4 cm)	Glass ceramic	41 to 1022°F (5 to 550°C)	25 lb	60 to 1150 rpm	19 L	120	60	GY-84303-50	
						220	50	GY-84303-55	



INNOCAL[®]
INNOVATIVE CALIBRATION SOLUTIONS

Calibrate to ensure accuracy

[GY-17050-04](#) NIST-traceable calibration with data for stirrers
[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plate

Digital Ceramic Stirring Hot Plates

Increase safety with separate control and top plate

- Digital “HOT PLATE” warning signal when the plate temperature is above 50°C
- Easy-to-clean, white ceramic top is highly resistant to corrosion
- Keep stirring speeds constant during heavy loads or changing viscosities with precise temperature and speed control

NEW



Choose model with timer to control temperature, stirring, or both up to 999 minutes and then shut off. The thermo-regulated unit allows you to control the temperature inside solution with the optional Vertex temperature controller 86579-36.

What's included: 6-ft (1.8-m) cord with plug.



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temperature range	Max load	Speed range	Max capacity	VAC	Hz		
Sitting hot plate									
7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (18 x 18 cm)	Ceramic	Ambient to 1022°F (ambient to 550°C)	30 lb (14 kg)	0 to 1300 rpm	15 L	115	60	GY-86579-44	
						230	50/60	GY-86579-45	
Stirring hot plate with timer									
7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (18 x 18 cm)	Ceramic	Ambient to 1022°F (ambient to 550°C)	30 lb (14 kg)	0 to 1300 rpm	15 L	115	60	GY-86579-48	
						230	50/60	GY-86579-49	
Thermo-regulated stirring hot plate									
7 ¹ / ₁₆ " x 7 ¹ / ₁₆ " (18 x 18 cm)	Ceramic	Ambient to 1022°F (ambient to 550°C)	30 lb (14 kg)	0 to 1300 rpm	15 L	115	60	GY-86579-46	
						230	50/60	GY-86579-47	

[GY-86579-36](#) Vertex temperature controller
[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plate

Digital Round-Top Ceramic-Coated Stirring Hot Plates

Maintain constant speed even if viscosity changes

- Uniform heat distribution with aluminum alloy top
- Resists chemicals, scratches, and surface abrasions

NEW

AREX Digital Models include an external Pt 100 probe for direct temperature control to 482°F (250°C) with ±1.0°C accuracy, and a 6-ft (1.8-m) power cord with plug. **AREX Digital PRO Models** include a VTF digital thermoregulator with timer for direct temperature control to 572°F (300°C) with accuracy of ±0.5°C, and a 6-ft (1.8-m) power cord with plug.



Top plate		Temp range	Stirring		Power		Catalog number	Price
Dimensions	Materials		Speed range	Max capacity	VAC	Hz		
Digital								
6.1" (15.5 cm) dia	Ceramic coated aluminum alloy	Ambient to 698°F (370°C)	0 to 1500 rpm	20 L	115	50/60	GY-86579-53	
					230		GY-86579-54	
Digital Pro								
6.1" (15.5 cm) dia	Ceramic coated aluminum alloy	Ambient to 698°F (370°C)	0 to 1500 rpm	20 L	115	50/60	GY-86579-55	
					230		GY-86579-56	

[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plate



Cole-Parmer® Multiposition Stirrers and Stirring Hot Plates

Reach max temperature in two minutes

- Stir bar won't dance—unique U-shaped magnet holds stir bar tightly
- Front-panel controls are positioned to prevent you from touching the hot plate
- Corrosion-resistant ceramic
- Stepless speed control provides smooth stirring action to 1500 rpm

Mix multiple samples independently



Cole-Parmer®



No. of stirring positions	Volume per position	Top plate		Heating		Speed range	Power		Catalog number	Price
		Dimensions	Material	Temp range	Max load		VAC	Hz		
Multiposition stirrers										
5	800 mL	12" x 12" (30.5 x 30.5 cm)	Ceramic	—	—	100 to 1500 rpm	120	60	GY-51450-21	
							230	50	GY-51450-26	
9	400 mL						120	60	GY-51450-23	
							230	50	GY-51450-28	
Multiposition stirring hot plates										
5	800 mL	12" x 12" (30.5 x 30.5 cm)	Ceramic	212 to 845°F (100 to 450°C)	40 lb (18.2 kg)	100 to 1500 rpm	120	60	GY-51450-71	
							230	50	GY-51450-76	
9	400 mL						120	60	GY-51450-73	
							230	50	GY-51450-78	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

Multiposition Stirrers

Stays cool even after several days of continuous operation

- Stirrers feature excellent speed control, even at low speeds

What's included: 6-ft (1.8-m) power cord with plug.



Accessories

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

No. of stirring positions	Volume per position	Top plate		Speed range	Power		Catalog number	Price
		Dimensions	Material		VAC	Hz		
6	400 mL	9½" x 16" (24.1 x 40.6 cm)	Epoxy-painted metal	50 to 850 rpm	115/230	50/60	GY-86579-41	
15	250 mL	9½" x 16" (24.1 x 40.6 cm)	Epoxy-painted metal	50 to 850 rpm	115/230	50/60	GY-86579-42	

Fifteen-Position Electromagnetic Stirrer

Stores speed settings for fast recall

- Electromagnetic drive means no moving parts and no maintenance
- Run several experiments under identical conditions

Stirrer accommodates a variety of vessel shapes including Erlenmeyer flasks and beakers. Stirring speed remains constant even if viscosity of the medium changes. A three-digit LED display indicates stirring speed. The powder-coated stainless steel housing protects unit from spills and dirt.

Note: Not for use in hazardous areas; not immersible.

What's included: a 6-ft (1.8-m) cord with a power supply.



Stirring positions	Volume per position	Top plate		Speed range	Power		Catalog number	Price
		Dimensions†	Material		VAC	Hz		
15	250 mL†	2¼" x 2¼" (5.7 x 5.7 cm)	Stainless steel	130 to 990 rpm	100-240	50/60	GY-04656-40	

†One liter per position if using six positions, two liter if using all 15 positions.
‡Per position. Overall top plate dimensions are 6¾"W x 11¼"D.

[GY-17050-04](#) NIST-traceable calibration with data for stirrers



Stirrers

Multiposition Stirrers and Stirring Hot Plates

Maintain consistent and silent operation with wear-free and maintenance-free motor

- Stir consistently in all positions
- Adjust speed in 10-rpm increments—speed remains constant
- Easy clean-up
- Stirring hot plates feature synchronous heating and stirring, and homogeneous temperature distribution

What's included: RO models include a removable transparent antislip cover, 5½-ft (1.7-m) cord and adapters to work with US, EU, Canada, Australia and UK outlets. RT models include a 5½-ft (1.7-m) cord and plug.



Stirring positions	Volume per position	Top plate		Temperature range	Speed range	Power		Catalog number	Price
		Dimensions (W x D)	Material			VAC	Hz		
RO multiposition stirrers									
5	400 mL	4¾" x 18½" (12 x 47 cm)	Stainless steel	—	0 to 1200 rpm	100–240	50/60	GY-04671-91	
10		7½" x 18½" (19 x 47 cm)						GY-04671-92	
15		11" x 18½" (28 x 47 cm)						GY-04671-93	
RT multiposition stirring hot plates									
5	400 mL	4⅝" x 19½" (11 x 49.5 cm)	Stainless steel	Room temperature to 248°F (120°C)	0 to 1100 rpm	115 230	50/60	GY-04671-94	
10		7⅞" x 19½" (18 x 49.5 cm)						GY-04671-95	
15		10⅞" x 19½" (27 x 49.5 cm)						GY-04671-96	
						115 230	50/60	GY-04671-97	
						115 230	50/60	GY-04671-98	
						115 230	50/60	GY-04671-99	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

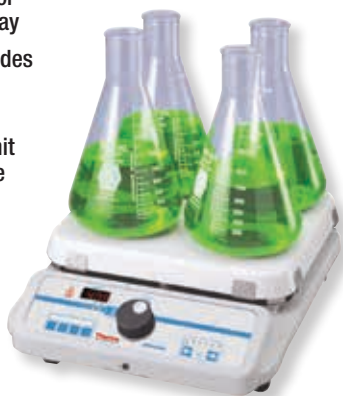
[GY-17002-27](#) NIST-traceable calibration with data for stirrer, heat

Multiposition Stirrers and Stirring Hot Plates

Control four positions individually

- Precise adjustment of settings in 1°/1-rpm increments displayed for each position on bright LED display
- Flashing, red "hot top" light provides visual warning to prevent accidental burns
- Convenient timer shuts off the unit when the timed cycle is complete
- RS-232 port allows for output of time count, temperature, and set point directly to your PC

What's included: 6½-ft (1.9-m) cord with plug. Stirring hot plate also includes an external 6"L (15.2 cm) temperature probe and four PTFE stir bars.



No. of stirring positions	Volume per position	Temperature range	Speed range	Power		Catalog number	Price
				VAC	Hz		
Stirrer; top plate: ceramic; 10½" x 10½" (26.7 x 26.7 cm)							
4	1 L	—	50 to 1200 rpm	120 240	60 50/60	GY-86576-90 GY-86576-95	
Stirring hot plate; top plate: ceramic; 10½" x 10½" (26.7 x 26.7 cm)							
4	1 L	34 to 698°F (1 to 370°C)	50 to 1200 rpm	120 240	60 50/60	GY-86576-80 GY-86576-85	

Programmable Multiposition Stirring Hot Plates

Ideal for unattended heating and stirring applications

- Versatile—set temperature, stirring speed, time, and heating ramp rate
- Create programs of up to 10 steps and store in memory for easy recall
- Stirring positions can be set to stir at the same speed or can be individually controlled
- Control units via computer with the RS-232 port

What's included: a 10" (25.4 cm) stainless steel immersion probe and a 6-ft (1.8-m) power cord with plug.



No. of stirring positions	Volume per position	Heating	Speed range	Power		Catalog number	Price
		Temp range		VAC	Hz		
Stirring hot plate; top plate: ceramic; 12" x 12" (30.5 x 30.5 cm)							
5	800 mL	32 to 752°F (0 to 400°C)	100 to 1500 rpm	115 230	50/60	GY-51808-87 GY-51808-89	

[GY-17002-27](#) NIST-traceable calibration with data for stirrer and hot plates

Multiposition Stirrers

Independently set and control each position

- Ergonomic, lightweight, and low profile to conserve bench space
- Multifunctional with four operating modes and a timer

These multiposition stirrers have four user-friendly operating modes that allow the selection of specific rows and columns, individual stirring of each position, or simultaneous stirring of all positions. The advanced microprocessor PID controls accurately control stirring speed. Top plates are stainless steel for excellent chemical resistance. Gradual start-up, built in thermal shutdown, and current limit protection device provide user safety.



No. of stirring positions	Volume per position	Top plate		Speed range	Power		Catalog number	Price
		Dimensions (W x D)	Material		VAC	Hz		
5	1.25 L	4 ⁷ / ₈ " x 19 ¹ / ₈ " (12.4 x 48.5 cm)	Stainless steel	30 to 2000 rpm	100-240	50/60	GY-51460-00	
10	2.5 L	9 ¹ / ₁₆ " x 19 ¹ / ₈ " (24.6 x 48.5 cm)			100-240	50/60	GY-51460-02	
15	3.75 L	14 ¹ / ₂ " x 19 ¹ / ₈ " (36.7 x 48.5 cm)			100-240	50/60	GY-51460-04	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers

Multiposition Electromagnetic Stirrers

No moving parts for quiet, maintenance-free operation

- Adjustable wattage is ideal for mixing thermally unstable media

Non-Immersible Stirrers let you set the wattage at 5, 10, 15, or 20 watts. Use a lower setting for long term operation; use a higher setting for large volumes and viscous solutions. Set speed and wattage by simply pressing the positive or negative key on the keypad. A bright 4-digit LED shows speed and wattage setting. These stirrers feature IP68 rating and are hermetically sealed to protect against moisture, spills, corrosion, dust and dirt.

Immersible Stirrers fit directly in the clear Plexiglas® tank 01137-20 sold below. Adjust the power usage on the 20-watt models at 5, 10, 15 or 20 watts; adjust the power usage on the 40-watt models at 4, 8, 12, 16, 20, 24, 28, 32, 36, or 40 watts.

Program the 20-watt immersible stirrers to continuously stir or to alternately stir and rest at selected time intervals. Control 40-watt stirrers via your computer with the built-in RS-232 interface.



6-position immersible stirrer 04651-61 with included 40-watt controller

Non-Immersible Stirrers with adjustable wattage to 20 watts



Number of stirring positions	Volume per position	Top plate		Speed range	Power		Catalog number	Price
		Dimensions	Material		VAC	Hz		
6	3000 mL	15 ¹ / ₂ " x 9 ¹ / ₂ " (39.4 x 24.1 cm)	Stainless steel	80 to 2000 rpm	100-240	50/60	GY-04651-10	
15	1500 mL				115/230		GY-04651-20	

Immersible Stirrers with fixed or adjustable wattage

Number of stirring positions	Volume per position	Top plate		Speed range	Power		Catalog number	Price
		Dimensions (W x D)	Material		VAC	Hz		
7-watt immersible stirrers with fixed wattage								
6	800 mL	15 ¹ / ₂ " x 9 ¹ / ₂ " (39.4 x 24.1 cm)	Stainless steel	130 to 1000 rpm	230	50/60	GY-04650-16	
15	500 mL				115		GY-04650-24	
					230		GY-04650-26	
20-watt immersible stirrers with adjustable wattage. Adjust power on the 20-watt stirrers from 25 to 100%								
6	1500 mL	15 ¹ / ₂ " x 9 ¹ / ₂ " (39.4 x 24.1 cm)	Stainless steel	130 to 1400 rpm	100-240	50/60	GY-04650-15	
15	1000 mL						GY-04650-25	
40-watt immersible stirrers with adjustable wattage. Adjust power on the 40-watt stirrers to 10 from 100%								
6	2000 mL	15 ¹ / ₂ " x 9 ¹ / ₂ " (39.4 x 24.1 cm)	Stainless steel	100 to 2000 rpm	100-240	50/60	GY-04651-61	
15	1200 mL						GY-04651-40	

[GY-01137-20](#) Plexiglas tank, 27.5-liter capacity. Measures 20"L x 12"W x 8"H

Cole-Parmer® Stir Bar Kits

- Chemically inert, low-friction, leakproof PTFE coating



Bar type	With spinning ring	Without spinning ring
Cat. no.	GY-04775-99	GY-04775-98
Length x diameter†	Two each of: 1/2" x 5/16", 5/8" x 5/16", 1" x 3/8", 1 1/2" x 3/8", 2" x 3/8", 2 1/2" x 3/8"	Two each of: 7/16" x 3/16", 1/2" x 5/16", 3/4" x 5/16", 1" x 3/8", 1 1/4" x 3/8", 1 1/2" x 3/8", 2" x 3/8", 2 1/2" x 1/2", 3" x 1/2"
Total/pk	12 stir bars	18 stir bars
Price/pk		

†Diameter given does not include the diameter of the spinning ring.

Immersible Modular Stirrers

Stir multiple solutions with a single controller

- Separate remote controller and stirrer units up to four feet

Use the immersible stirrer in water baths ranging in temperature from 32 to 140°F (up to 176°F intermittently). The cord connecting the controller to the stirrer is made of PVC. There are no moving parts with no more than 4 VDC being delivered to the coils.

Select from two controller types: operate all stirrer units at the same speed—models 04636-00 and -05, or operate each stirrer unit at a different speed—models 04636-10 and -15.

What's included: a 5-ft (1.5-m) power cord.

1. Remote Controllers

Power		Catalog number	Price
VAC	Hz		
For controlling stirrers at same speed			
115	60	GY-04636-00	
220	50	GY-04636-05	
For controlling stirrers at multiple speeds			
115	60	GY-04636-10	
220	50	GY-04636-15	



REQUIRED System Components

- 1) Remote controller(s)
- 2) Immersible stirrer unit



2. Immersible Stirrer Unit

Top plate		Speed range	Max stirring capacity	Catalog number	Price
Dimensions	Material				
2 ³ / ₄ " x 2 ³ / ₄ " (7.0 x 7.0 cm)	Polypropylene	70 to 1000 rpm	1 L	GY-04636-50	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers



Large-Capacity Digital Stirrers

Digital control for your large, heavy-duty mixing

- Effectively stir up to 40 gallons (150 liters)

Powerful magnetic stirrers feature a flat, sturdy stainless steel casing—ideal for your heavy-duty mixing needs. Digital LED display allows for exact control. Unit features a timer for up to 56 minutes or set for continuous run.

What's included: a 5-ft (1.5-m) cord.



Top plate		Speed range	Max stirring capacity	Power		Catalog number	Price
Dimensions	Material			VAC	Hz		
13" x 13" (33.0 x 33.0 cm)	Stainless steel	0 to 1000 rpm	50 L	120	50/60	GY-04671-80	
				230		GY-04671-81	
19" x 19" (48.3 x 48.3 cm)	Stainless steel	0 to 600 rpm	150 L	120	50/60	GY-04671-82	
				230		GY-04671-83	

[GY-04627-00](#) Large-volume stir bar, measures 4¹/₄" L x 1¹/₁₆" dia (10.8 x 2.7 cm)

Economical Large-Capacity Stirrer

Stir up to 38 liters (10 gallons) of aqueous solution

- Handles many applications that previously required an overhead mixer

Powerful "rare earth" magnet automatically pulls stir bar into position and stays coupled even under the most demanding stirring conditions. Stirrer accommodates stir bars up to 3" (7.6 cm) L.

What's included: a 6-ft (1.8-m) power cord with plug.



Top plate		Speed range	Max load	Max stirring capacity	Power		Catalog number	Price
Dimensions	Material				VAC	Hz		
11" x 11" (27.9 x 27.9 cm)	ABS plastic	100 to 1500 rpm	100 lb (45 kg)	38 L	120	50/60	GY-84302-30	

[GY-17050-04](#) NIST-traceable calibration with data for stirrers



Large-Capacity Stirrers

Ideal for your large-capacity stirring needs

- Powerful magnet and motor capable of stirring up to 38 liters (10 gallons)
- Spill-resistant, durable ABS/polycarbonate housing channels fluids away from internal components
- Internal ramping feature gradually increases speed to the set point

What's included: nonskid feet and a 6-ft (1.8-m) power cord.



Top plate		Speed range	Max load	Max stirring capacity	Power		Catalog number	Price
Dimensions	Material				VAC	Hz		
Analog stirrer								
12" x 12" (30.5 x 20.5 cm)	ABS/polycarbonate	200 to 1300 rpm	80 lb (36 kg)	38 L	115	60	GY-86575-10	
					230	50	GY-86575-12	
Digital stirrer								
12" x 12" (30.5 x 20.5 cm)	ABS/polycarbonate	200 to 1300 rpm	80 lb (36 kg)	38 L	115	60	GY-86575-15	
					230	50	GY-86575-17	

GY-17050-04 NIST-traceable calibration with data for stirrers



Large-Capacity Stirrers

Automatic start-up for safe stirrer acceleration

- Low-profile compact design saves valuable bench space
- “Quick-stop” function stops stirring within three seconds, minimizing vessel breakage

The **Power Direct stirrer** features a digital display for accurate, reproducible speed settings; most recent settings are stored in memory. The **Mobil Direct stirrer** is manufactured with a disc motor drive and is designed to be used with thick-bottomed vessels, round flasks, and double-walled containers—with stirring volumes of up to 150 L.

What's included: a 6-ft (1.8-m) power cord.



Top plate		Speed range	Max stirring capacity	Power		Catalog number	Price
Dimensions	Material			VAC	Hz		
Power Direct stirrer with digital display							
7" x 8½" (17.8 x 21.6 cm)	Stainless steel	100 to 2000 rpm	40 L	100 to 240	50/60	GY-04656-55	
Mobil Direct stirrer							
13" x 13" (33.0 x 33.0 cm)	Stainless steel	100 to 1000 rpm	150 L	115	50/60	GY-04656-60	
				230		GY-04656-65	

GY-17050-04 NIST-traceable calibration with data for stirrers



Large Volume Stir Bars

- Strong alnico V magnets encased in chemically inert PTFE



Cat. no.	Length x diameter	Price/pk of 1
GY-04627-00	4¼" x 11/16"	
GY-04627-10	6¼" x 11/16"	

Explosion-Proof Stirrer and Stirring Hot Plate

Use in Class I, Group C and D environments

Suitable for use in hazardous environments where flammable gases or solvent vapors can produce explosive or ignitable mixtures. Stirring hot plate features electronic temperature control that maintains temperature stability to ±4°F (±2.0°C). An automatic over temperature safety switch cuts off power if the temperature exceeds 536°F (280°C). Cast-aluminum top plate provides efficient heat transfer and excellent temperature uniformity. **Note:** Only use with vapors that have a flashpoint above 500°F (260°C).

What's included: a ½" conduit attachment and an 18" (45.7 cm) lead wire for UL required electrical hook up (no plug).



Top plate		Heating		Stirring		Power		Catalog number	Price
Dimensions	Material	Temp range	Max load	Speed range	Max capacity	VAC	Hz		
Explosion-proof stirrer									
10" x 10" (25.4 x 25.4 cm)	Ceramic	100 to 428° F (38 to 220°C)	25 lb (11 kg)	60 to 1200	6 L	120	50/60	GY-03417-30	
Explosion-proof stirring hot plate									
9½" x 9½" (23.2 x 23.2 cm)	Ceramic	100 to 428° F (38 to 220°C)	40 lb (18 kg)	60 to 1200	6 L	120	50/60	GY-03417-40	

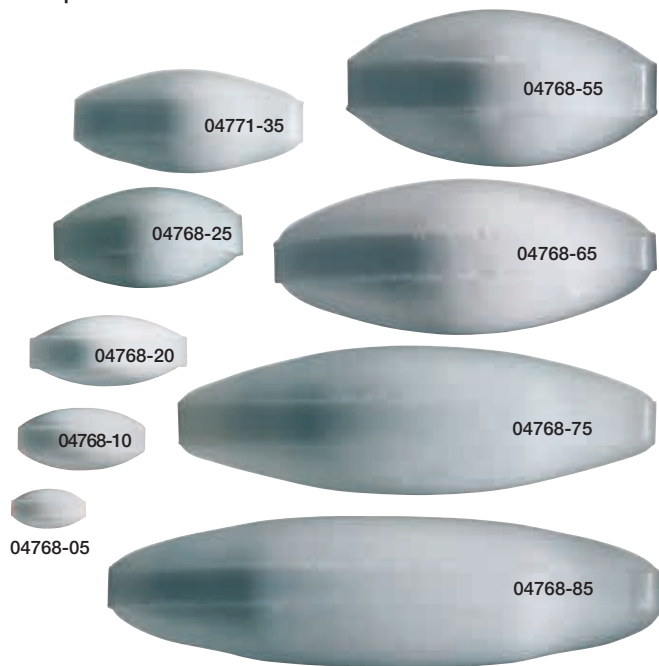


Stirrers

Egg-Shaped Stir Bars

Ensure complete mixing

- Egg-shaped stir bars have oval magnets—ideal for use in round-bottom flasks
- Shape conforms to flask bottom

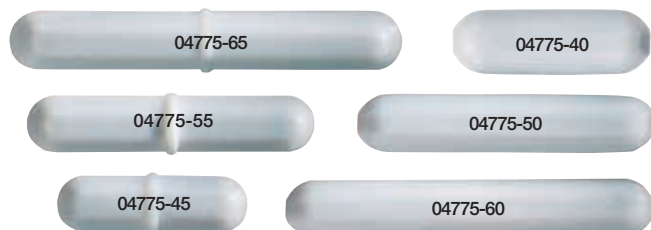


Length	Diameter	For flask sizes	Catalog number	Price
3/8" (9.5 mm)	3/16" (4.8 mm)	10 to 20 mL	GY-04768-05	
3/8" (15.9 mm)	1/4" (6.4 mm)	50 to 100 mL	GY-04768-10	
13/16" (20.6 mm)	3/8" (9.5 mm)	100 to 200 mL	GY-04768-20	
1" (25.4 mm)	1/2" (12.7 mm)	100 to 200 mL	GY-04768-25	
1 1/4" (31.8 mm)	5/8" (15.9 mm)	300 to 500 mL	GY-04771-35	
1 5/8" (41.3 mm)	3/4" (19.1 mm)	500 to 1000 mL	GY-04768-55	
2" (50.8 mm)	3/4" (19.1 mm)	2000 to 5000 mL	GY-04768-65	
2 1/2" (63.5 mm)	3/4" (19.1 mm)	2000 to 5000 mL	GY-04768-75	
3" (76.2 mm)	3/4" (19.1 mm)	5000 to 10000 mL	GY-04768-85	

Cole-Parmer® Slim-Line® Stir Bars

Get complete mixing

- Slimmer profile and larger length to diameter ratio
- Available with or without spinning rings



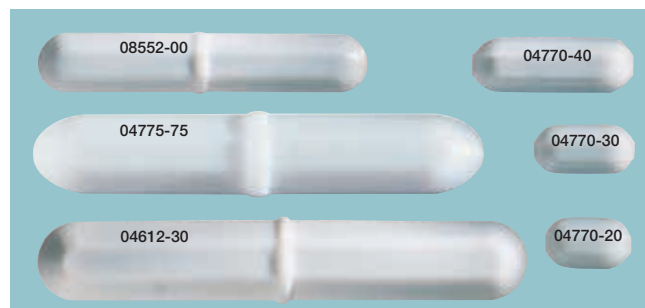
Size		With spinning ring		Without spinning ring	
Length	Diameter†	Cat. no.	Price	Cat. no.	Price
1" (25.4 mm)	5/16" (7.9 mm)	GY-04775-45		GY-04775-40	
1 1/2" (38.1 mm)		GY-04775-55		GY-04775-50	
2" (50.8 mm)		GY-04775-65		GY-04775-60	

†Diameter given does not include the diameter of the spinning ring.

Cole-Parmer® Mono-Mold® Stir Bars

Resist spin out at high speeds

- Super-strong alnico V magnets remain coupled to drive magnets even at high speeds
- Chemically inert, low-friction, leakproof PTFE coating provides smooth spinning and maximum energy transfer



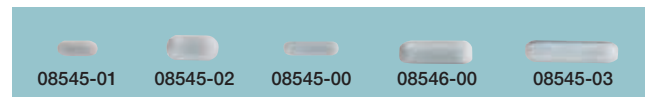
Size		With spinning ring		Without spinning ring	
Length	Diameter†	Cat. no.	Price	Cat. no.	Price
7/16" (11.1 mm)	3/16" (4.8 mm)	—	—	GY-04775-10	
1/2" (12.7 mm)	5/16" (7.9 mm)	GY-08548-00		GY-04770-20	
5/8" (15.9 mm)	5/16" (7.9 mm)	GY-08549-00		GY-04770-30	
1" (25.4 mm)	3/8" (9.5 mm)	GY-08550-00		GY-04770-40	
1 1/2" (38.1 mm)	3/8" (9.5 mm)	GY-08551-00		GY-04770-50	
2" (50.8 mm)	3/8" (9.5 mm)	GY-08552-00		GY-04770-60	
2 1/2" (63.5 mm)	3/8" (9.5 mm)	GY-04775-75		—	—
2 1/2" (63.5 mm)	1/2" (12.7 mm)	—	—	GY-04770-70	
3" (76.2 mm)	1/2" (12.7 mm)	GY-04612-30		GY-04612-40	

†Diameter given does not include the diameter of the spinning ring.

Cole-Parmer® Micro Stir Bars

Mix in small-diameter vessels

- Strong alnico V magnets with one-piece coating of PTFE



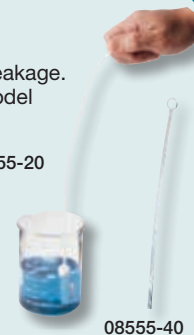
Length x diameter	Catalog number	Qt/pk	Price/pk
5 x 2 mm	GY-08545-01	1	
6.35 x 3 mm	GY-08545-02		
7 x 2 mm	GY-08545-00	1	
10 x 3 mm	GY-08546-00		
12.7 x 3 mm	GY-08545-03		

Stir Bar Retrievers

Retrieve stir bars without messy spills or breakage. Alnico V magnet is completely enclosed. Model 08555-20 features a flexible shaft of PTFE for odd-shaped, and narrow-mouth containers.

08555-20

[GY-08555-20](#) Stir bar retriever, flexible shaft; PTFE, 14 3/4" L (37.5 cm)
[GY-08555-40](#) Stir bar retriever, polyethylene, 17" L (43.2 cm)



08555-40