



 Cole-Parmer®

STIRRERS AND
STIRRING HOT PLATES

STATE-OF-THE-ART DESIGN,
SUPERIOR PERFORMANCE



Cole-Parmer® Stirrers & Stirring Hot Plates

MINI-STIRRER

This compact stirrer offers a wider speed range than the competition at a more reasonable price. Ideal for most general mixing applications. Low-profile design is suited for areas with height restrictions.

- Small yet powerful—stirs liquids up to 2000 rpm
- Easy-to-clean, chemical-resistant nylon top
- Tough, stable Hytrel® base
- Compact size saves on benchtop space
- Handles up to 1 L of liquid
- Includes a 5/8" x 1/8" stir bar



MAGNETIC STIRRERS AND STIRRING HOT PLATES

New

Use this stirrer for all of your stirring applications—from gentle agitation to vigorous churning.

*High quality!
Economically priced!*



- All the features of competitive products for hundreds of dollars less!
- Unique U-shaped magnet holds stir bar tight
- Permanently lubricated, brushless drive provides long, trouble-free operation
- Cast-aluminum body is designed for stability and water resistance
- Milled aluminum top provides superior temperature uniformity and durability
- Stirring hot plates available with aluminum or ceramic top plates—choose ceramic for higher temperatures
- Corrosion-resistant ceramic top is mounted in a cast-aluminum frame for cooler edges
- Hot plate heats to 932°F (500°C) in approximately 2 minutes

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BATTERY-POWERED MAGNETIC STIRRER

This stirrer is compact and portable—perfect for field analysis, or anywhere you need vigorous sample stirring. Suitable for use inside incubators, fume hoods, or glove boxes.

- Tough, compact, and lightweight
- Eliminate the need for cumbersome extension cords—take this unit anywhere!
- Stepless speed control up to 700 rpm
- Epoxy-coated metal case minimizes corrosion for long life
- Operates on two 9 V batteries
- Maximum 2.5-L stirring capacity



MULTIPOSITION STIRRERS AND STIRRING HOT PLATES

More versatile than single-position models. Each stirring position is individually controlled to perform different mixing applications simultaneously—ideal for multi-sample processing.



- Available in 5- or 9-position models
- Easy-to-clean ceramic top is resistant to acid and alkali
- Stirring hot plates can be set to heat only, stir only, or heat and stir simultaneously
- Top plate will heat quickly and not warp or buckle
- Temperature control can be set to Hi, Low, or Off with a total of 10 divisions
- Accommodates a top plate load of 20 lbs!
- Suitable for solubility and immiscibility studies

In the U.S.

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International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.



**FREE TECHNICAL
APPLICATIONS ASSISTANCE!**

PERFORMANCE SPECIFICATIONS

Temperature range:

Models 04803-01, -03: 120 to 700°F (49 to 371°C)

Models 04803-05, -07: 120 to 842°F (49 to 450°C)

Models 51450-70, -72, -75, -77: 212 to 752°F (100 to 400°C)

Catalog number	No. of positions	Top plate		Overall dimensions (W x H x D)	Speed range	Max stirring capacity	Power	CE
		Dimensions	Materials					
Mini-stirrer								
ML-04807-10	1	4 $\frac{5}{8}$ " x 3 $\frac{3}{4}$ " x 4 $\frac{1}{4}$ "	Nylon	5 $\frac{5}{8}$ " x 2 $\frac{1}{2}$ " x 5 $\frac{5}{8}$ "	350 to 2000 rpm	1 L	115 VAC, 60 Hz	No
Battery-powered magnetic stirrer								
ML-04804-01	1	3 $\frac{3}{4}$ " x 3 $\frac{3}{4}$ "	Metal	3 $\frac{3}{4}$ " x 2 $\frac{1}{4}$ " x 3 $\frac{3}{4}$ "	200 to 700 rpm	2.5 L	Battery	—
Magnetic stirrers								
ML-04802-01	1	6" x 6"	Aluminum	6" x 4 $\frac{7}{8}$ " x 6"	100 to 1500 rpm	2.5 L	115 VAC, 60 Hz	No
ML-04802-03							230 VAC, 50 Hz	Yes
Magnetic stirring hot plates								
ML-04803-01	1	6" x 6"	Aluminum	6" x 4 $\frac{7}{8}$ " x 6"	100 to 1500 rpm	2.5 L	115 VAC, 60 Hz	No
ML-04803-03							230 VAC, 50 Hz	Yes
ML-04803-05	1	6" x 6"	Ceramic	6" x 4 $\frac{7}{8}$ " x 6"	100 to 1500 rpm	2.5 L	115 VAC, 60 Hz	No
ML-04803-07							230 VAC, 50 Hz	Yes
Multiposition stirrers								
ML-51450-20	5	10" x 10"	Ceramic	10 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ " x 15"	100 to 1200 rpm	800 ml per position	120 VAC, 50/60 Hz	No
ML-51450-25							230 VAC, 50/60 Hz	
ML-51450-22	9	10" x 10"	Ceramic	10 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ " x 15"	100 to 1200 rpm	400 ml per position	120 VAC, 50/60 Hz	
ML-51450-27							230 VAC, 50/60 Hz	
Multiposition stirring hot plates								
ML-51450-70	5	10" x 10"	Ceramic	10 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ " x 15"	100 to 1200 rpm	800 ml per position	120 VAC, 50/60 Hz	No
ML-51450-75							230 VAC, 50/60 Hz	
ML-51450-72	9	10" x 10"	Ceramic	10 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ " x 15"	100 to 1200 rpm	400 ml per position	120 VAC, 50/60 Hz	
ML-51450-77							230 VAC, 50/60 Hz	

What's included:

Power cord with plug; battery-powered model includes two 9 V batteries.

**For our complete selection of
Stir Bars, click link below.**

