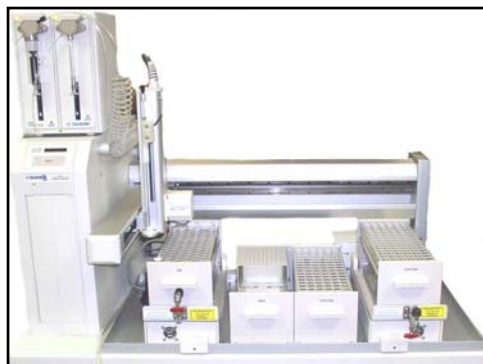


Modular Mixers



Single Position Mixer for Gilson® Rack



Modular Mixers on Gilson®
215 System



Gilson® 215 Shown with Riser to
Prevent Clearance Problems

Glas-Col's Modular Mixers:

- Performs high or low speed mixing (orbital)
- Repeatable mixing results
- Modular mixers can be designed for most platforms

Modular mixers can be used in the following applications:

Our mixers are affordable and can be automated or customized for many types of platforms. Applications include solution phase synthesis when a good mixture of heterogeneous solutions is needed, combinatorial chemistry, biotechnology, high throughput and process development.

- 96-well plates
- Tests tubes racks
- Combinatorial reaction blocks
- Micro Reactors
- Scintillation vials
- Most any type of mixing application

Modular Mixers have the following features:

- Micro-processor based control technology
- Speed 100 to 1000 rpm (depends on load)
- Communication port (RS-232)
- Soft Start/Stop of motor
- Orbital offset .070"
- Software available: Labview®, Labnetix®, ActiveX, Gilson® 735



Special Modular Mixer
for 6 Well Plates

Specifications:

Each mixer contains a high-torque stepping motor for accurate control and demanding applications. We can customize these mixers to almost any size. Control is accomplished through a PC or can be supplied with a contact closure. Our software options give you the flexibility to monitor and control a variety of modular mixing products. Operation is simple and intuitive, requiring no specialized training. If you're looking for a faster, easier way to automate your lab, Glas-Col products and software provide the answer. You can quickly set speed of operation, run time, pulse rate, and duty cycle for all modular mixers in your lab. You can oversee the entire lab operation at a glance.

REPEATABLE.

RELIABLE.

RESULTS.

Modular Mixers



Catalog Numbers:

	<u>List Price</u>
099G MML12 (Left side - 120V)	\$1600.00
099G MMR12 (Right side - 120V)	\$1600.00
099G MMHUB12 (Communications Hub – 120V)	\$500.00
099G MML24 (Left side - 240V)	\$1600.00
099G MMR24 (Right side - 240V)	\$1600.00
099G MMHUB24 (Communications Hub – 240V)	\$500.00
099G MMVI (Modular Mixer Virtual Instrument for LabView®)	NC
Note: One Hub is required to operate a maximum of 2 mixers.	
099G MMLO12 (Left side - 120V)	\$1600.00
099G MMRO12 (Right side - 120V)	\$1600.00
099G MMLO24 (Left side - 240V)	\$1600.00
099G MMRO24 (Right side - 240V)	\$1600.00

Note: These last 4 mixers are designed with the locator holes offset in the base to allow the entire mixers placement to either the far right or left on the deck plate. This will allow the use of all 5 positions on a standard 215 system.

As shown on page 1, our mixers can be interfaced with the Gilson system and their 735-software package. Below are the items that can be purchased directly from Gilson (sales@gilson.com) for this integration.

	<u>List Price</u>
Gilson 735 software #2106773531	\$3200.00
606 GSIOC to RS-232 Converter #362841	\$513.00
Custom software to allow 735 control of Glas-Col mixer	\$1525.00



New Contact Closure Operation:

Our Stand-alone Modular Mixer with variable speed operation. This mixer has all the same performance features as our standard mixer. Additional features include knob for variable speed, contact closure, and preset speed profile (programmed with software furnished). Operation by the contact closure runs the mixer at the programmed speed and the unit homes when the contact is open.

Catalog Numbers:

	<u>List Price</u>
099G MMAL12 (Left side - 120V)	\$2400.00
099G MMAR12 (Right side - 120V)	\$2400.00
099G MMAL24 (Left side - 240V)	\$2400.00
099G MMAR24 (Right side - 240V)	\$2400.00
099G MMALO12 (Left side - 120V)	\$2400.00
099G MMARO12 (Right side - 120V)	\$2400.00
099G MMALO24 (Left side - 240V)	\$2400.00
099G MMARO24 (Right side - 240V)	\$2400.00

Note: These last 4 mixers are designed with the locator holes offset in the base to allow the entire mixers placement to either the far right or left on the deck plate. This will allow the use of all 5 positions on a standard 215 system.

Riser for 215: To alleviate height restriction problems this 2-3/8" riser is the answer. The riser is made of precision-machined aluminum and surface is powder coated. Riser comes with all necessary hardware.

Catalog Number:

099G R215

List Price

\$600.00

REPEATABLE.

RELIABLE.

RESULTS.

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