

## Scientific Industries SI-5256

# Scientific Industries Genie SI-5256 Digital Quadmag Multiposition Stirrer 230V User Manual

Model: SI-5256

## 1. INTRODUCTION

The Scientific Industries Genie SI-5256 Digital Quadmag Multiposition Stirrer is a robust laboratory instrument designed for efficient and reliable mixing of liquids. This four-position stirrer utilizes powerful magnets to ensure stir bars remain coupled even under demanding conditions. Its durable, spill-resistant ABS/polycarbonate housing protects internal components from spills. The unit features an internal ramping function for gradual speed increase, minimizing splashing and enhancing control. It is capable of stirring up to 2 liters per position and is suitable for use in various environments, including cold rooms and incubators.



**Figure 1:** Scientific Industries Genie SI-5256 Digital Quadmag Multiposition Stirrer. The white unit features a digital display and controls on the front panel. Two clear beakers, each containing a light green liquid and a stir bar, are placed on the stirring platform.

## 2. SAFETY INFORMATION

- Read and understand all instructions before operating the stirrer.
- Ensure the power supply matches the unit's requirements (230V, 50Hz).

- Always use appropriate personal protective equipment (PPE) when handling chemicals or operating laboratory equipment.
- Do not operate the stirrer with a damaged power cord or plug.
- Avoid placing the stirrer in areas where it may be exposed to excessive moisture or extreme temperatures beyond its operating range.
- Do not immerse the unit in water or other liquids.
- Ensure vessels are securely placed on the stirring platform to prevent spills or accidents during operation.
- Disconnect the power before cleaning or performing any maintenance.

### 3. PACKAGE CONTENTS

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Verify that all items are present and undamaged upon unpacking:

- Genie SI-5256 Digital Quadmag Multiposition Stirrer (1 unit)
- Power Cord (European Plug, 230V compatible) (1 unit)
- User Manual (this document) (1 unit)
- *Note: Stir bars and beakers are typically sold separately.*

### 4. SETUP

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1. **Unpacking:** Carefully remove the stirrer from its packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the stirrer on a stable, level, and clean surface in a well-ventilated area. Ensure adequate clearance around the unit for proper air circulation. The unit is suitable for use in cold rooms and incubators.
3. **Power Connection:** Connect the provided power cord to the stirrer's power inlet and then plug it into a grounded 230V, 50Hz electrical outlet. The unit is equipped with a European plug type.
4. **Initial Inspection:** Before first use, inspect the unit for any visible damage. If damage is observed, do not operate the unit and contact customer support.

### 5. OPERATING INSTRUCTIONS

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1. **Prepare Vessels:** Fill your beakers or other appropriate vessels with the liquid to be stirred. Place a suitable stir bar into each vessel.
2. **Position Vessels:** Carefully place up to four vessels on the stirring platform, aligning them over the designated stirring positions. Ensure the vessels are stable. The maximum stirring volume per position is 2 liters.
3. **Power On:** Turn on the stirrer using the main power switch (if present) or by ensuring it is plugged in. The digital display should illuminate.
4. **Set Stirring Speed:** Use the graduated analog dial to set the desired stirring speed. The internal ramping feature will gradually increase the speed to the set point, minimizing splashing and improving control of the stir bar. The speed range is from 250 rpm (low) to 1300 rpm (high).
5. **Monitor Operation:** Observe the stirring process. The powerful magnets will pull the stir bars into position and maintain coupling throughout the operation.
6. **Power Off:** Once stirring is complete, turn the speed dial to its minimum setting or turn off the power switch. Allow the stir bars to stop completely before removing vessels.

## 6. MAINTENANCE

- **Cleaning:** Disconnect the unit from the power supply before cleaning. The durable, spill-resistant ABS/polycarbonate housing is designed to direct spills away from internal components. Wipe the exterior surfaces with a damp cloth and a mild detergent. Do not use abrasive cleaners or solvents. Ensure the unit is completely dry before reconnecting to power.
- **Inspection:** Regularly inspect the power cord for any signs of damage. Check the stirring platform for any residue or wear.
- **Storage:** When not in use for extended periods, store the stirrer in a clean, dry environment, preferably in its original packaging.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; faulty power cord; unit malfunction.	Check power connection and outlet. Inspect power cord for damage. If problem persists, contact customer support.
Stir bar does not couple or spins erratically.	Incorrect stir bar size; vessel not centered; liquid too viscous; excessive load.	Ensure appropriate stir bar size for vessel. Center vessel on platform. Reduce viscosity or load if possible.
Stirring speed is inconsistent.	Power fluctuation; internal issue.	Ensure stable power supply. If problem persists, contact customer support.

For issues not listed above, please contact Scientific Industries customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	SI-5256
Brand	Scientific Industries
Description	Digital Quadmag Multiposition Stirrer, 230V
Number of Stirring Positions	4
Max Stirring Volume per Position	2 Liters
Low Speed (rpm)	250
High Speed (rpm)	1300
Max Load Capacity	13.61 kg (30 lbs)
Power VAC	230
Power Hz	50

Feature	Detail
Plug Type	European
Top Plate Material	ABS Plastic
Height	12.7 cm (5 in)
Length	31.12 cm (12.25 in)
Width	30.48 cm (12 in)
Top Plate Length	30.48 cm (12 in)
Top Plate Width	30.48 cm (12 in)
Package Dimensions	18.01 x 18.01 x 10 inches; 9.6 Pounds
Date First Available	March 14, 2017
Manufacturer	Cole-Parmer

## 9. WARRANTY AND SUPPORT

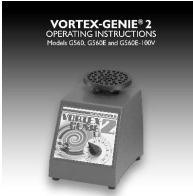




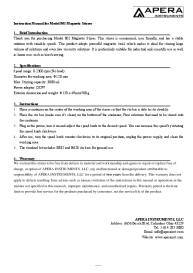

The Scientific Industries Genie SI-5256 Digital Quadmag Multiposition Stirrer comes with a **2-year Universal Guarantee** from the date of purchase.

For technical assistance, warranty claims, or to order replacement parts, please contact Scientific Industries customer support:

- **Website:** [www.scientificindustries.com](http://www.scientificindustries.com) (Note: This is a placeholder URL, please refer to your product documentation for the official website.)
- **Email:** [support@scientificindustries.com](mailto:support@scientificindustries.com) (Note: This is a placeholder email, please refer to your product documentation for the official email.)
- **Phone:** Refer to your regional Scientific Industries contact information.

Please have your model number (SI-5256) and date of purchase available when contacting support.

### Related Documents - SI-5256

 	<p><a href="#">Vortex-Genie 2 Operating Instructions   Scientific Industries</a></p> <p>Comprehensive operating instructions, applications, specifications, and parts list for the Scientific Industries Vortex-Genie 2 laboratory mixer (Models G560, G560E, G560E-100V).</p>
 	<p><a href="#">Vortex-Genie 2 Operating Instructions   Scientific Industries</a></p> <p>Official operating instructions, applications, specifications, and parts list for the Scientific Industries Vortex-Genie 2 laboratory mixer (Models G560, G560E, G560E-100V).</p>
	<p><a href="#">Biolab BMSS-101 Multistation Stirrer Operating Manual</a></p> <p>Operating manual for the Biolab BMSS-101 Multistation Stirrer, detailing its features, specifications, and applications in various scientific fields.</p>
	<p><a href="#">Apera Instruments Model 801 Magnetic Stirrer: Instruction Manual</a></p> <p>Instruction manual for the Apera Instruments Model 801 Magnetic Stirrer, detailing its specifications, operating instructions, and warranty information for industrial, scientific, and home use.</p>
	<p><a href="#">H30SQC Digital Magnetic Stirrer with Heating User Manual</a></p> <p>Comprehensive user manual for the Labbox H30SQC Digital Magnetic Stirrer with Heating, covering safety instructions, proper use, control, specifications, and maintenance.</p>



# 901 Intelligent Magnetic Stirrer Instruction Manual

- Read this instruction manual before the assembly of the intelligent magnetic stirrer. The instructions are for the user's reference.
- 1. Safety: The intelligent magnetic stirrer is designed for laboratory use only. It is not intended for use in food processing or other applications where food safety is a concern.
  - 2. Assembly: The intelligent magnetic stirrer is assembled in two main steps: 1) Assembly of the motor and stirrer bar, and 2) Assembly of the stirrer bar and the stirrer bar holder.
  - 3. Operation: The intelligent magnetic stirrer is operated by the control panel. The control panel has a power button, a speed selector, and a timer. The speed selector is used to select the desired speed. The timer is used to set the desired time.
  - 4. Maintenance: The intelligent magnetic stirrer should be cleaned after each use. The motor and stirrer bar should be cleaned with a mild detergent. The stirrer bar holder should be cleaned with a mild detergent.
- 2. Specifications:**
- 1. Motor: 100W, 120V, 60Hz.
  - 2. Stirrer bar: 100mm, 10mm diameter.
  - 3. Stirrer bar holder: 100mm, 10mm diameter.
  - 4. Control panel: 100mm, 10mm diameter.
  - 5. Power supply: 100W, 120V, 60Hz.
- 3. Safety:**
- 1. Do not touch the motor or stirrer bar when the stirrer is running. The motor and stirrer bar are hot.
  - 2. Do not touch the stirrer bar holder when the stirrer is running. The stirrer bar holder is hot.
  - 3. Do not touch the control panel when the stirrer is running. The control panel is hot.
  - 4. Do not touch the stirrer bar when the stirrer is running. The stirrer bar is hot.
  - 5. Do not touch the stirrer bar holder when the stirrer is running. The stirrer bar holder is hot.
  - 6. Do not touch the control panel when the stirrer is running. The control panel is hot.

## [Apera Instruments 901 Intelligent Magnetic Stirrer Instruction Manual](#)

Detailed instruction manual for the Apera Instruments 901 Intelligent Magnetic Stirrer, covering features, technical specifications, step-by-step usage guides, important notes, included accessories, and warranty information for laboratory use.