

GIMA 28211

GIMA 28211 Super Vega Suction Aspirator User Manual

Model: 28211 | Brand: GIMA

1. INTRODUCTION

The GIMA 28211 Super Vega Suction Aspirator is a compact and reliable medical device designed for the aspiration of bodily fluids such as mucus, catarrh, or blood. It is suitable for nasal, oral, and tracheal aspiration in both adults and children. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device.



Image 1.1: The GIMA 28211 Super Vega Suction Aspirator, showing the main unit with collection jar, tubing, and control panel.

2. SAFETY INFORMATION

- Read this manual completely before operating the device.
- Ensure the device is placed on a stable, flat surface during operation.
- Do not immerse the main unit in water or any other liquid.
- Only use accessories and spare parts approved by GIMA.
- Regularly check the power cord for damage. Do not use if damaged.
- Keep the device out of reach of children and unauthorized personnel.
- This device is intended for medical use and should be operated by trained individuals or under medical supervision.
- Ensure proper ventilation around the device during operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- GIMA 28211 Super Vega Suction Aspirator main unit
- 1000 ml autoclavable collection jar with lid
- Suction tubing set

- Bacterial filter
- Power cord
- User Manual



Image 3.1: 1000 ml collection jar with lid.



Image 3.2: Bacterial filter.



Image 3.3: Power cord.

4. SETUP

1. **Placement:** Place the aspirator on a stable, flat, and dry surface, ensuring adequate space for ventilation.
2. **Connect Collection Jar:** Securely attach the 1000 ml collection jar to the designated holder on the side of the main unit. Ensure the lid is tightly sealed.
3. **Connect Tubing:**
 - Connect one end of the short silicone tube to the 'VACUUM' port on the collection jar lid.
 - Connect the other end of this short tube to the suction inlet on the main unit (usually marked 'SUCTION' or similar).
 - Connect one end of the longer silicone tube to the 'PATIENT' port on the collection jar lid. This end will connect to the patient catheter.
4. **Install Bacterial Filter:** Insert the bacterial filter between the 'VACUUM' port on the collection jar lid and the suction inlet of the main unit. This prevents fluid overflow and protects the pump. Ensure the filter is correctly oriented according to any arrows on its casing.
5. **Power Connection:** Connect the power cord to the aspirator's power inlet and then plug it into a suitable electrical outlet (220-230 V/50-60 Hz).



Image 4.1: The aspirator fully assembled and ready for operation.

5. OPERATING INSTRUCTIONS

1. **Power On:** Press the green power switch (marked with 'I/O') located on the front panel to turn on the

device. The indicator light should illuminate.

2. **Adjust Suction:** Use the 'SUCTION CONTROL' knob on the front panel to adjust the desired vacuum level. Turn clockwise to increase suction and counter-clockwise to decrease it.
3. **Monitor Vacuum:** Observe the vacuum gauge on the front panel to ensure the desired suction pressure is achieved. The gauge displays pressure in mmHg and kPa.
4. **Connect Catheter:** Attach the appropriate sterile suction catheter to the free end of the patient tubing.
5. **Perform Aspiration:** Carefully perform the aspiration procedure as directed by a medical professional.
6. **Power Off:** After use, press the power switch to turn off the device.



Image 5.1: Close-up of the control panel, showing the power switch, vacuum gauge, and suction control knob.

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the device's longevity and hygienic operation.

6.1. Collection Jar

- Empty the collection jar after each use or when the fluid level approaches the maximum fill line.
- The 1000 ml collection jar is autoclavable at 121°C. An optional jar is available that can be autoclaved at 134°C.
- Wash the jar and lid thoroughly with warm water and a mild detergent. Rinse well and sterilize as appropriate.
- Ensure the safety float valve in the lid is clean and moves freely to prevent overflow.

6.2. Tubing and Filter

- Clean the suction tubing after each use by aspirating clean water through it.
- Replace the bacterial filter regularly, especially if it becomes wet, discolored, or shows signs of

contamination. The filter is disposable.

6.3. Main Unit

- Wipe the exterior of the main unit with a soft cloth dampened with a mild disinfectant.
- Do not use abrasive cleaners or solvents.
- Ensure no liquids enter the internal components of the device.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	No power supply; damaged power cord; faulty power switch	Check power cord connection and wall outlet. Inspect power cord for damage. If problem persists, contact technical support.
No or weak suction	Loose connections; clogged tubing/catheter; full collection jar; faulty bacterial filter; pump issue	Check all tubing connections for leaks. Clear any blockages in tubing/catheter. Empty collection jar. Replace bacterial filter. If problem persists, contact technical support.
Fluid overflow into main unit	Collection jar overfilled; faulty safety float valve; bacterial filter not installed or clogged	Empty collection jar immediately. Check float valve for proper movement. Ensure bacterial filter is correctly installed and not clogged.
Unusual noise during operation	Loose components; internal pump issue	Ensure all external components are secure. If noise persists, discontinue use and contact technical support.

8. SPECIFICATIONS

- **Model:** GIMA 28211 Super Vega
- **Operating Voltage:** 220-230 V / 50-60 Hz
- **Power Consumption:** 106 W
- **Collection Jar Capacity:** 1000 ml
- **Dimensions (L x W x H):** 35 x 21 x 18 cm
- **Weight:** Approximately 3.34 kg
- **Vacuum Regulator:** Continuously adjustable
- **Autoclavable Jar:** 121°C (optional 134°C)
- **Insulation:** Electrical and thermal insulating plastic body

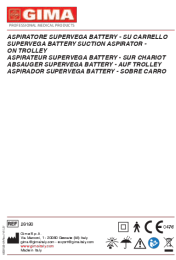



9. WARRANTY AND SUPPORT

Information regarding the specific warranty period for the GIMA 28211 Super Vega Suction Aspirator is not provided in this document. Please refer to your purchase documentation or contact your local GIMA distributor or customer service for warranty details and technical support.

For assistance, please have your model number (28211) and purchase date available.

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Related Documents - 28211

	<p>GIMA SUPERVEGA BATTERY SUCTION UNIT User Manual and Technical Guide</p> <p>This document provides comprehensive operating instructions, safety guidelines, technical specifications, and maintenance procedures for the GIMA SUPERVEGA BATTERY SUCTION UNIT (Model 28193), a professional medical suction device.</p>
	<p>GIMA TOBI MANUALE Suction Aspirator - User Manual & Technical Specifications</p> <p>Comprehensive user manual and technical specifications for the GIMA TOBI MANUALE Suction Aspirator. Learn about its features, safety instructions, cleaning, maintenance, and troubleshooting.</p>
	<p>GIMA S/S Bierer Aspiration Tube - User Manual & Specifications (Models 28262, 28264)</p> <p>Official user manual and technical specifications for the GIMA S/S Bierer Aspiration Tube (Models 28262 and 28264). Details intended use, features, procedure, cleaning, sterilization, operating conditions, and manufacturer information.</p>
	<p>GIMA Pulse Oximeter Probe User Manual - Technical Specifications and Usage Guide</p> <p>Comprehensive user manual for GIMA Pulse Oximeter Probes, covering product specifications, intended use, clinical benefits, maintenance, cleaning, disinfection, environmental requirements, and electromagnetic compatibility (EMC) information. Includes model numbers ESA0015, ESC0029, and more.</p>



Comprehensive guide for the GIMA KYOLING® manual suction pump with filter, detailing its features, specifications, usage instructions, maintenance procedures, and troubleshooting tips for medical professionals.



Information on GIMA Pressure Activated Safety Lancets (Model PA), a sterile, single-use device for capillary blood sampling. Includes intended use, instructions, warnings, storage, and disposal.