

yuwell 7E-A/B/D

Yuwell Portable Phlegm Suction Unit 7E-A/B/D User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of the Yuwell Portable Phlegm Suction Unit, models 7E-A, 7E-B, and 7E-D. This device is an oil-free lubrication suction apparatus designed to assist patients with difficulty in phlegm removal. Please read this manual thoroughly before using the unit.

2. IMPORTANT SAFETY INFORMATION

- Always operate the unit on a stable, flat surface.
- Ensure the power supply matches the unit's specifications (AC 220V / 50Hz).
- Do not immerse the unit in water or any other liquid.
- Keep the unit away from heat sources and direct sunlight.
- Regularly inspect all components for damage before use. Do not use if damaged.
- This device is intended for medical use by trained personnel or under medical supervision.
- Dispose of collected fluids and used consumables according to local regulations.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Oil-Free Pump:** Requires no lubrication, simplifying maintenance.
- **Low Noise Operation:** Designed for quiet performance.

- **Stepless Pressure Adjustment:** Allows precise control over suction intensity.
- **Concealed Liquid Storage Bottle:** Integrated design for convenience and hygiene.
- **Portable Design:** Compact and lightweight for easy transport.

3.2 Components

The Yuwell Portable Phlegm Suction Unit typically includes the main suction unit, a liquid collection bottle, suction tubing, and a power cord. Specific accessories may vary by model.



Figure 1: Yuwell Portable Phlegm Suction Unit 7E-A/B/D in its retail packaging, showing the unit and branding.



Figure 2: Yuwell Portable Phlegm Suction Unit 7E-A/B/D, removed from its packaging and placed on top of the box, showcasing its compact design.

4. SETUP INSTRUCTIONS

1. **Unpack the Unit:** Carefully remove the suction unit and all accessories from the packaging. Inspect for any visible damage.
2. **Place the Unit:** Position the unit on a stable, flat, and dry surface, ensuring adequate ventilation around the device.
3. **Connect the Collection Bottle:** Ensure the liquid collection bottle is securely attached to the unit. Verify all seals are tight to prevent leaks and maintain suction.
4. **Attach Suction Tubing:** Connect one end of the suction tubing to the appropriate port on the collection bottle. The other end will be connected to the suction catheter during operation.

5. **Connect Power:** Plug the power cord into the unit's power inlet, then into a grounded electrical outlet (AC 220V / 50Hz).
 6. **Initial Check:** Before first use, turn on the unit briefly to ensure it powers on and the pump operates.
-

5. OPERATING THE SUCTION UNIT

1. **Prepare for Suction:** Ensure the patient is in a comfortable and appropriate position for suctioning. Have all necessary suction catheters and sterile water/saline ready.
2. **Power On:** Press the power switch to turn on the unit. The indicator light should illuminate.
3. **Adjust Suction Pressure:** Use the pressure regulating knob to set the desired negative pressure. The pressure gauge will display the current setting. Start with a lower pressure and adjust as needed, following medical guidelines. The regulating range is 0.02 MPa to 0.075 MPa.
4. **Connect Catheter:** Connect the appropriate suction catheter to the free end of the suction tubing.
5. **Perform Suctioning:** Insert the catheter as instructed by medical professionals. Apply suction by occluding the control port on the catheter (if applicable) or by using the foot pedal (if equipped).
6. **Monitor Collection:** Observe the liquid collection bottle during suctioning. Do not allow it to overfill.
7. **Power Off:** After suctioning is complete, turn off the unit using the power switch.

Note: Always follow specific medical protocols and physician's orders for suctioning procedures.

6. MAINTENANCE AND CLEANING

6.1 Daily Cleaning

- **Empty and Clean Collection Bottle:** After each use or when full, disconnect and empty the liquid collection bottle. Wash it thoroughly with warm soapy water, rinse, and disinfect according to medical guidelines. Allow to air dry completely.
- **Clean Suction Tubing:** Flush the suction tubing with clean water after each use. Disinfect or replace as per medical protocols.
- **Wipe Down Unit:** Wipe the exterior of the main unit with a damp cloth and a mild disinfectant. Do not allow liquids to enter the unit.

6.2 Regular Maintenance

- **Filter Check:** Periodically check the bacterial filter (if present) and replace it if it appears soiled or wet, or as recommended by the manufacturer.
- **Tubing Inspection:** Inspect all tubing for cracks, kinks, or blockages. Replace

damaged tubing immediately.

- **Power Cord Inspection:** Check the power cord for any signs of damage.

Caution: Always unplug the unit from the power source before cleaning or performing maintenance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Power cord not plugged in; power outlet malfunction; unit switch off.	Ensure power cord is securely plugged in. Test outlet with another device. Turn unit switch to ON position.
No or low suction.	Collection bottle not sealed; tubing kinked or blocked; filter clogged; pressure knob set too low.	Check bottle seal. Inspect and clear tubing. Replace filter. Adjust pressure knob to a higher setting.
Excessive noise during operation.	Unit not on a stable surface; internal component issue.	Place unit on a flat, stable surface. If noise persists, contact customer support.
Liquid overflow in bottle.	Bottle not emptied regularly; overflow protection malfunction.	Empty bottle before it reaches maximum capacity. If overflow protection fails, discontinue use and contact support.

If troubleshooting steps do not resolve the issue, do not attempt to repair the unit yourself. Contact qualified service personnel or the manufacturer.

8. TECHNICAL SPECIFICATIONS

Model: 7E-A/B/D

Limit Negative Pressure: ≥ 0.075 MPa

Negative Pressure Regulating Range: 0.02 MPa ~ limit negative pressure

Suction Rate: ≥ 18 L/min (for adult suction)

Noise Level: ≤ 65 dB (A)

Liquid Holder Capacity: 1000 mL (1 pc)

Power Source: AC 220V / 50Hz, 1.5A

Input Power: 90VA

Weight: 4.4 kg



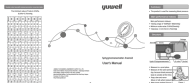



Overall Size (L x W x H): 280 x 196 x 285 mm

Manufacturer: Jiangsu Yuyue Medical Equipment & Supply Co., Ltd.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact your authorized Yuwell distributor or the seller directly. Do not attempt to service the unit yourself, as this may void the warranty and pose safety risks.

Related Documents - 7E-A/B/D

	<p>Yuwell Oximeter Instruction Manual</p> <p>A comprehensive guide for the Yuwell Oximeter, detailing its features, operation, safety precautions, and technical specifications for accurate blood oxygen and pulse rate monitoring.</p>
	<p>Concentrador de Oxígeno YUWELL 7F-5 para Hogar: Especificaciones y Características</p> <p>Información detallada sobre el concentrador de oxígeno YUWELL 7F-5 para uso doméstico, incluyendo especificaciones técnicas, ventajas comparativas, quién lo usa, certificaciones y garantía.</p>
	<p>Yuwell Aneroid Sphygmomanometer User Manual: Blood Pressure Measurement Guide</p> <p>This user manual provides instructions for the Yuwell Aneroid Sphygmomanometer, covering its structure, use, maintenance, and performance indexes for accurate blood pressure measurement. It includes details on how to operate the device safely and effectively.</p>
	<p>Yuwell YT306/YT308/YT316/YT318 Medical Electronic Thermometer User's Manual</p> <p>User manual for Yuwell medical electronic thermometers (models YT306, YT308, YT316, YT318), providing instructions for use, safety notes, maintenance, troubleshooting, and technical specifications for accurate body temperature measurement.</p>
	<p>Yuwell M102 Mesh Nebulizer User Manual</p> <p>Comprehensive user manual for the Yuwell M102 mesh nebulizer, covering features, operation, maintenance, troubleshooting, and safety information. Includes product specifications, usage instructions, cleaning procedures, and warranty details.</p>
	<p>yuwell YT-2 Infrared Thermometer User Manual and Technical Instructions</p> <p>Comprehensive user manual and technical instructions for the yuwell YT-2 Infrared Thermometer, covering setup, usage, maintenance, troubleshooting, and technical specifications.</p>