

KIN-0998-0

Generic Air Handheld Sandblaster Gun

Model: KIN-0998-0 - Instruction Manual

INTRODUCTION

Thank you for choosing the Generic Air Handheld Sandblaster Gun. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new sandblaster. Please read this manual thoroughly before initial use and retain it for future reference. This tool is designed for various surface preparation tasks, including rust, paint, and debris removal.



Figure 1: Overview of the Generic Air Handheld Sandblaster Gun. This image displays the complete sandblaster unit, highlighting its compact design and the attached material tank.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage. Always prioritize safety when operating power tools.

- Always wear appropriate safety gear, including eye protection (safety glasses or goggles), ear protection, and a dust mask or respirator.
- Wear protective gloves and clothing to prevent skin exposure to abrasive materials.
- Do not point the nozzle at people or animals. The high-velocity abrasive stream can cause severe injury.
- Keep the work area clean, well-lit, and free of debris. Ensure adequate ventilation to disperse dust and fumes.
- Do not use with flammable materials or in explosive atmospheres. Abrasive blasting can generate static electricity and sparks.
- Ensure the air compressor is properly maintained and capable of providing the required pressure and volume.

- Before connecting to an air supply, ensure the sandblaster is in the 'OFF' position or the trigger is not engaged.
- Never leave the gun unattended while connected to an air supply. Disconnect air supply when not in use or during maintenance.
- After use, clean and dry the gun thoroughly before storing to prevent corrosion and clogging.
- Use only recommended abrasive media suitable for sandblasting.

PRODUCT COMPONENTS

The Generic Air Handheld Sandblaster Gun includes the following main components:

- **Gun Body:** Lightweight plastic construction for comfortable handling.
- **Material Tank:** 0.9 Liter capacity for abrasive media.
- **Air Inlet:** 1/4" NPT Female connection for air supply.
- **Nozzles:** Four (4) interchangeable function nozzles for various applications.
- **Control Knob:** For adjusting media flow (ON/OFF).



4 Extra Function Nozzles

Figure 2: The four interchangeable nozzles. These nozzles allow for different blasting patterns and media flow rates, adapting the tool to various tasks.

SETUP

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the sandblaster for any signs of damage. Do not operate if damaged.
2. **Select Nozzle:** Choose the appropriate nozzle for your task. Insert the nozzle firmly into the gun's tip.
3. **Fill Material Tank:** Unscrew the cap of the 0.9L material tank. Fill the tank with your chosen abrasive media (e.g., silica sand, glass beads, aluminum oxide). Do not overfill. Securely screw the cap back on.



Figure 3: The open material tank. This image shows the opening where abrasive media is loaded into the sandblaster's 0.9-liter tank.

4. **Connect Air Supply:** Connect a standard 1/4" NPT air hose from your air compressor to the air inlet on the sandblaster gun. Ensure the connection is tight and leak-free.
5. **Prepare Work Area:** Ensure the work area is clear, well-ventilated, and that all necessary safety precautions are in place. Cover any items not to be blasted.

OPERATING INSTRUCTIONS

Before operating, ensure all safety gear is worn and the work area is prepared.

1. **Set Air Pressure:** Set your air compressor to the recommended operating pressure of 90 PSI. Do not exceed this pressure.
2. **Adjust Media Flow:** The sandblaster features a control knob to regulate the flow of abrasive media. Turn the knob to the 'ON' position to allow media flow. Adjust as needed for your application.



Figure 4: Close-up of the media flow control knob. This knob allows the user to turn the abrasive media flow ON or OFF, indicated by the arrows.

3. **Begin Blasting:** Hold the sandblaster firmly. Point the nozzle at the surface to be cleaned, maintaining an appropriate distance (typically 6-12 inches, adjust based on desired effect). Depress the trigger to begin blasting.
4. **Maintain Consistent Movement:** Move the sandblaster in a steady, sweeping motion across the surface to ensure even removal and prevent gouging.
5. **Monitor Media:** Periodically check the material tank and refill as needed.
6. **Stop Blasting:** Release the trigger to stop the abrasive flow. Turn the media flow control knob to 'OFF' when finished or taking a break.
7. **Disconnect Air:** After use, disconnect the air hose from the sandblaster.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your sandblaster.

- **Cleaning After Use:** After each use, empty any remaining abrasive media from the tank. Disconnect the air supply. Clean the gun body and nozzle thoroughly to remove dust and media residue. Use compressed air to clear any blockages in the nozzle or internal passages.
- **Nozzle Inspection:** Regularly inspect the nozzles for wear. Worn nozzles can reduce efficiency and alter the blasting pattern. Replace worn nozzles promptly.
- **Air Inlet Check:** Ensure the 1/4" NPT air inlet connection is clean and free of debris.
- **Storage:** Store the sandblaster in a clean, dry place, away from moisture and extreme temperatures. Ensure it is disconnected from the air supply and empty of abrasive media.

TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No abrasive media flow	Media tank empty; Nozzle clogged; Media flow knob OFF; Media too damp/clumped	Refill tank; Clear nozzle; Turn media flow ON; Use dry, free-flowing media
Low blasting pressure	Insufficient air supply; Air leaks; Compressor pressure too low	Check compressor output; Tighten air connections; Increase compressor pressure to 90 PSI
Inconsistent media flow	Partial nozzle clog; Media bridging in tank; Moisture in air line	Clean nozzle; Agitate media in tank; Use an air dryer/filter on compressor line
Excessive dust	Incorrect media type; Poor ventilation	Use appropriate media for the task; Ensure adequate ventilation and wear a respirator

SPECIFICATIONS

- **Brand:** Generic
- **Model Number:** KIN-0998-0
- **Tank Volume:** 0.9 Liters
- **Operating Pressure:** 90 PSI (Maximum)
- **Air Inlet:** 1/4" NPT Female
- **Material:** Plastic (Gun Body)
- **Included Nozzles:** 4 Extra Function Nozzles
- **Recommended Uses:** Cleaning, Surface Preparation, Rust Removal, Paint Removal

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's contact details

provided at the point of purchase. Keep your purchase receipt as proof of purchase.

If you have further questions or require assistance not covered in this manual, please contact customer service.