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› Inokraft Leak-Proof Portable Sand Blaster Gun Kit Instruction Manual

InoKraft InoKraft Sand Blaster Pro Kit

Inokraft Leak-Proof Portable Sand Blaster Gun Kit Instruction Manual

Model: InoKraft Sand Blaster Pro Kit

1. SAFETY PRECAUTIONS

Before operating the Inokraft Sand Blaster Gun Kit, read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety goggles, a respirator or dust mask, hearing protection, and heavy-duty gloves. A full sandblasting hood is recommended to protect against rebounding abrasive media.
- **Ventilation:** Operate the sandblaster in a well-ventilated area to prevent the inhalation of dust and abrasive particles.
- **Abrasive Media:** Use only recommended abrasive media. Ensure the media is dry to prevent clogging and ensure efficient operation. Never use silica sand, as it can cause silicosis, a serious lung disease.
- **Air Compressor:** Ensure your air compressor meets the recommended PSI and CFM requirements (60-120 PSI, at least 7 CFM). Always use a moisture trap to keep the air dry.
- **Work Area:** Clear the work area of bystanders and unprotected items. Be aware that abrasive blasting creates significant dust and debris.
- **Trigger Control:** The sandblaster features a trigger control system. Media flows only when the trigger is pulled. Ensure the trigger is released when not actively blasting to prevent accidental discharge.

2. PRODUCT OVERVIEW

The Inokraft Leak-Proof Portable Sand Blaster Gun Kit is designed for efficient rust and paint removal, compatible with various abrasive media. This kit includes essential components for a complete sandblasting experience.

Kit Contents

The Premium Kit includes the following items:

Ready to Blast. Right Out of the Box.



Image: All components of the Inokraft Sand Blaster Gun Kit, including the gun, oil-water separator, extension nozzle, safety goggles, and manuals.

- Sand Blaster Gun with 900cc Hopper
- Oil-Water Separator
- Extension Nozzle
- Ceramic Nozzles (pre-installed and spares)
- Quick Connector
- Safety Goggles

- User Manual & Quick Start Guide
- Teflon Tape

Key Features

- **Powerful Airflow:** Delivers up to 287 m/s airflow for effective rust and paint removal.
- **Large Hopper:** 900cc hopper capacity reduces the frequency of refills.
- **Oil-Water Separator:** Prevents moisture from clogging the abrasive media.
- **Extension Nozzle:** Allows access to hard-to-reach areas.
- **Foolproof Trigger Control:** Media flows only when the trigger is pulled, ensuring efficiency and minimizing waste.
- **Wide Compressor Compatibility:** Works with 60-120 PSI air compressors, requiring at least 7 CFM.

3. SETUP INSTRUCTIONS

Follow these steps to prepare your Inokraft Sand Blaster for operation:

1. **Attach Oil-Water Separator:** Screw the oil-water separator onto the air inlet of the sandblaster gun. Use the provided Teflon tape on the threads to ensure a hermetic seal and prevent air leaks.



Image: The Inokraft oil-water separator, crucial for preventing moisture-related clogs.

2. **Attach Quick Connector:** Screw the quick connector onto the oil-water separator. Apply Teflon tape to the threads for a secure, leak-free connection.
3. **Attach Extension Nozzle (Optional):** If needed for hard-to-reach areas, attach the extension nozzle to the front of the sandblaster gun.

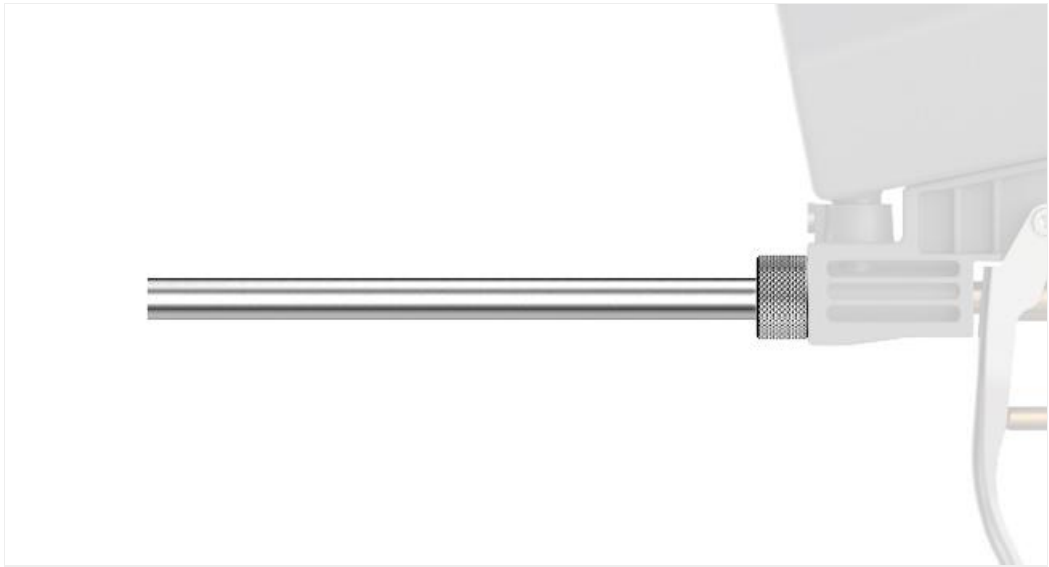


Image: The Inokraft extension nozzle, designed for reaching confined spaces.

4. **Connect Air Compressor:** Connect your air compressor hose to the quick connector on the sandblaster. Ensure your compressor is set to the recommended pressure range of 60-120 PSI and provides at least 7 CFM.

Setup and Operation Video

Video: Official Inokraft Sand Blaster Operation Video, demonstrating the assembly and initial use of the sandblaster kit.

4. OPERATING INSTRUCTIONS

Once assembled and connected to an air compressor, follow these steps to operate your sandblaster:



Image: Quick start guide illustrating the five main steps for using the sandblaster.

1. **Load Media:** Choose the appropriate abrasive media for your project (refer to Section 5: Abrasive Media Guide). Ensure the media is dry.
2. **Fill the Hopper:** Pour the selected abrasive media into the 900cc gravity-fed hopper.
3. **Set Flow:** Turn the media control knob (if present, or adjust based on trigger pressure) to regulate the abrasive flow for your specific project.
4. **Connect Compressor:** Ensure the air compressor is connected and operating within the 60-120 PSI range.
5. **Start Sandblasting:** Aim the nozzle at the surface to be blasted. Pull the 2-in-1 trigger to initiate blasting. Release the trigger to stop the flow of media and air. Maintain a steady hand and allow the tool to perform the work.

Efficient Trigger System

The Inokraft sandblaster features a 2-in-1 trigger design. This system ensures that abrasive media is dispensed only when the trigger is pulled, preventing waste and providing precise control. When the trigger is released, the media flow stops immediately.



Image: Illustrates the efficiency of sandblasting for rust removal compared to manual sanding.

Typical Applications

- **Metal:** Ideal for removing rust, paint, and corrosion from metal tools, auto parts, and other metal surfaces.

2-in-1 Trigger Saves Abrasives

Pull to Blast,
Release to Stop —
Zero Waste!



Others

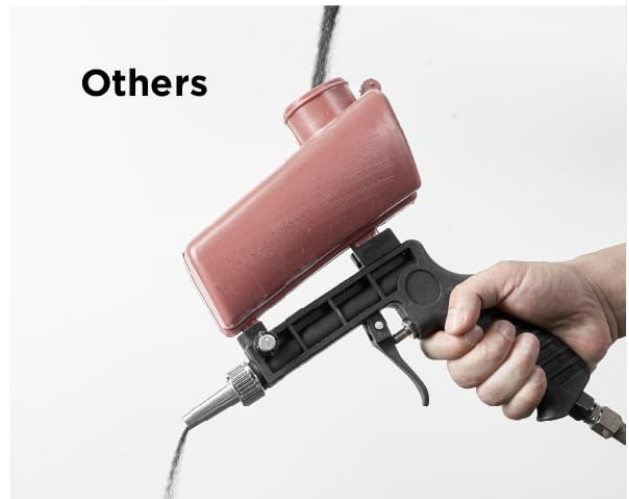


Image: Sandblaster in use on a metal object, demonstrating rust removal.

- **Wood:** Suitable for stripping paint or preparing wood surfaces for refinishing.

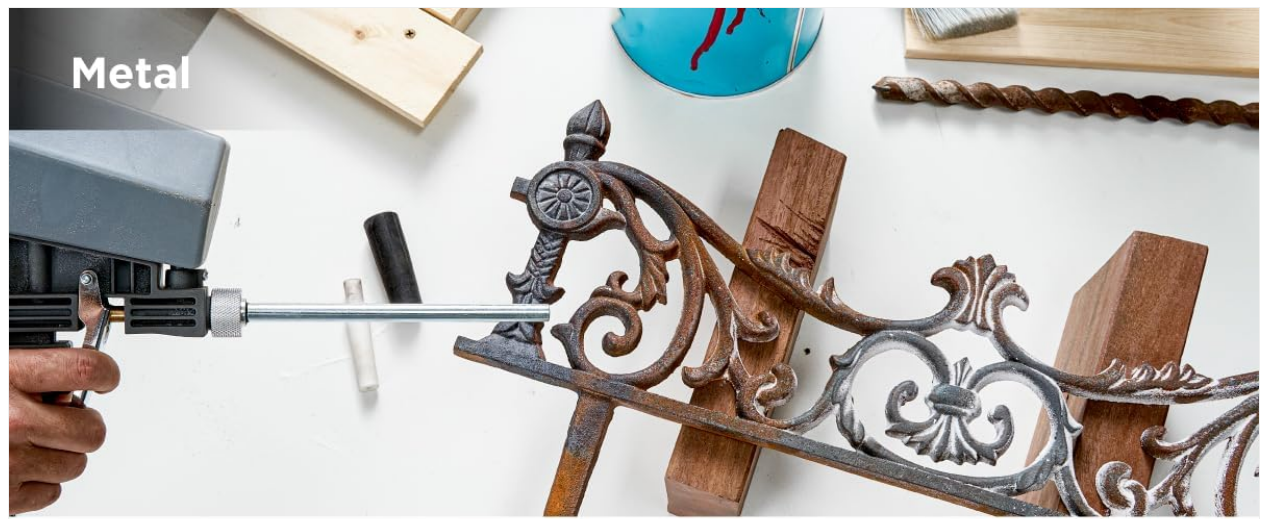


Image: Sandblaster in use on a wooden surface, demonstrating paint stripping.

- **Glass:** Can be used for etching or cleaning glass surfaces with appropriate media.

Abrasive Size: No Coarser than 46 Grit

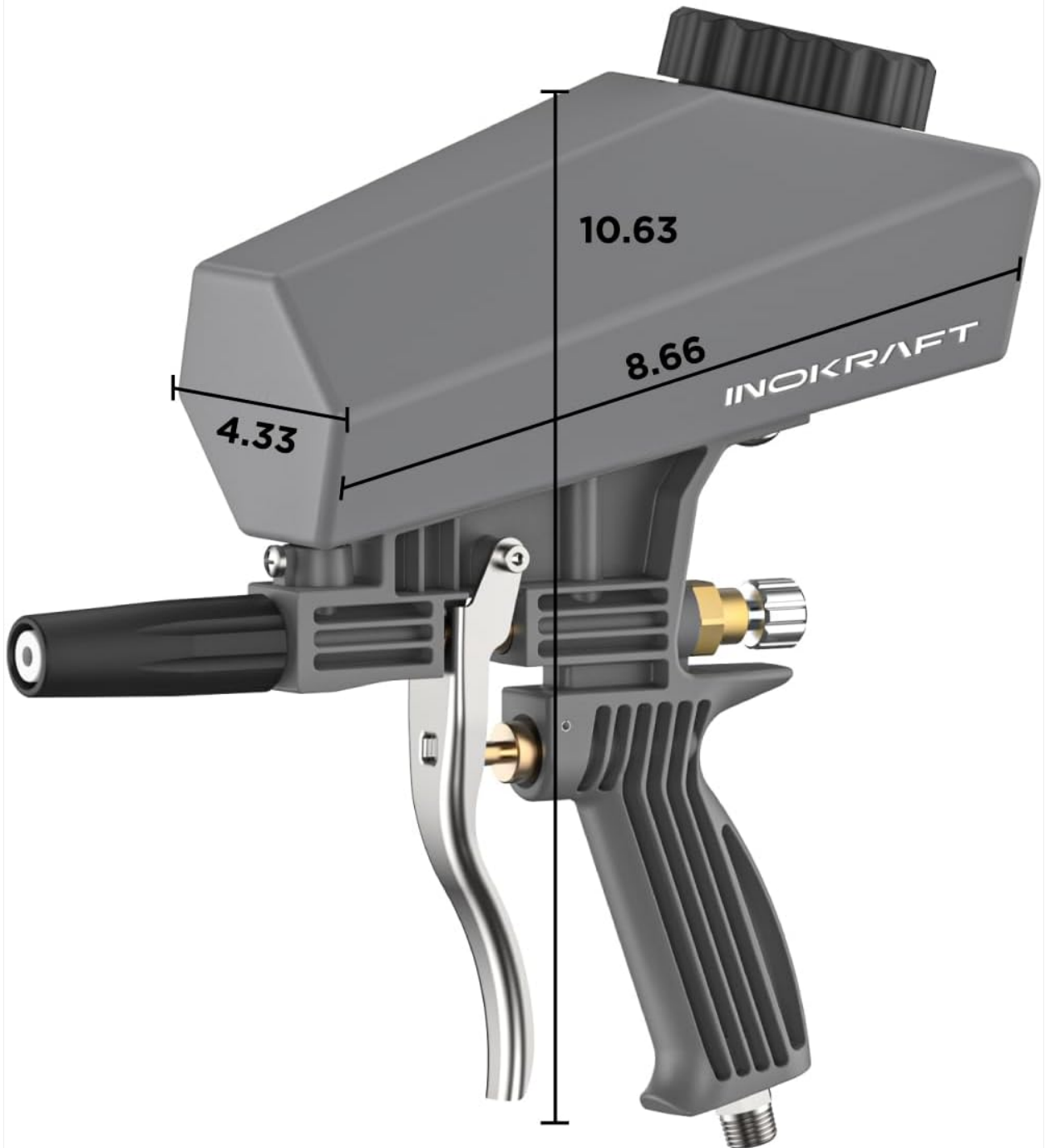


Image: Sandblaster in use on a glass surface.

5. ABRASIVE MEDIA GUIDE

Selecting the correct abrasive media and grit size is crucial for effective and safe sandblasting. The Inokraft Sand Blaster is compatible with media no coarser than 46 Grit.



Image: Visual guide to various abrasive media types and their suitable applications.

Recommended Abrasive Media

Media Type	Recommended Surface	Characteristics
Walnut Shell	Wood surfaces	Soft abrasive, ideal for delicate surfaces and cleaning without damage.
Crushed Glass	Various surfaces	Versatile, effective for general cleaning and paint removal.
Coal Abrasive	Metal surfaces	Harder media for aggressive rust and paint removal.
Soda (Sodium Bicarbonate)	Wood surfaces, delicate parts	Non-abrasive, water-soluble, excellent for cleaning without damaging underlying material.
Aluminum Oxide	Metal surfaces	Hard, sharp abrasive for fast cutting and aggressive removal of rust and paint.
Corn Cob	Wood surfaces	Soft abrasive, good for cleaning and polishing without etching.
Garnet	Metal surfaces	Hard, durable abrasive for efficient removal of heavy coatings and rust.
Glass Beads	Wood surfaces, delicate parts	Produces a smooth, bright finish; good for cleaning and peening.

Always test the chosen abrasive on an inconspicuous area first to ensure desired results and prevent damage. Ensure abrasive size is no coarser than 46 Grit.

6. MAINTENANCE

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

- **Keep Media Dry:** The oil-water separator helps prevent moisture from entering the system. Regularly check and drain any accumulated water from the separator. Always store abrasive media in a dry environment.
- **Clean After Use:** After each use, empty any remaining abrasive media from the hopper. Briefly run the sandblaster with no media to clear any residual particles from the nozzle and internal passages.
- **Nozzle Inspection:** Periodically inspect the ceramic nozzle for wear. Worn nozzles can reduce blasting efficiency and accuracy. Replace as needed with the provided spare nozzles.

- **Air Connections:** Ensure all air connections are tight and free of leaks. Use Teflon tape on threaded connections as necessary.

7. TROUBLESHOOTING

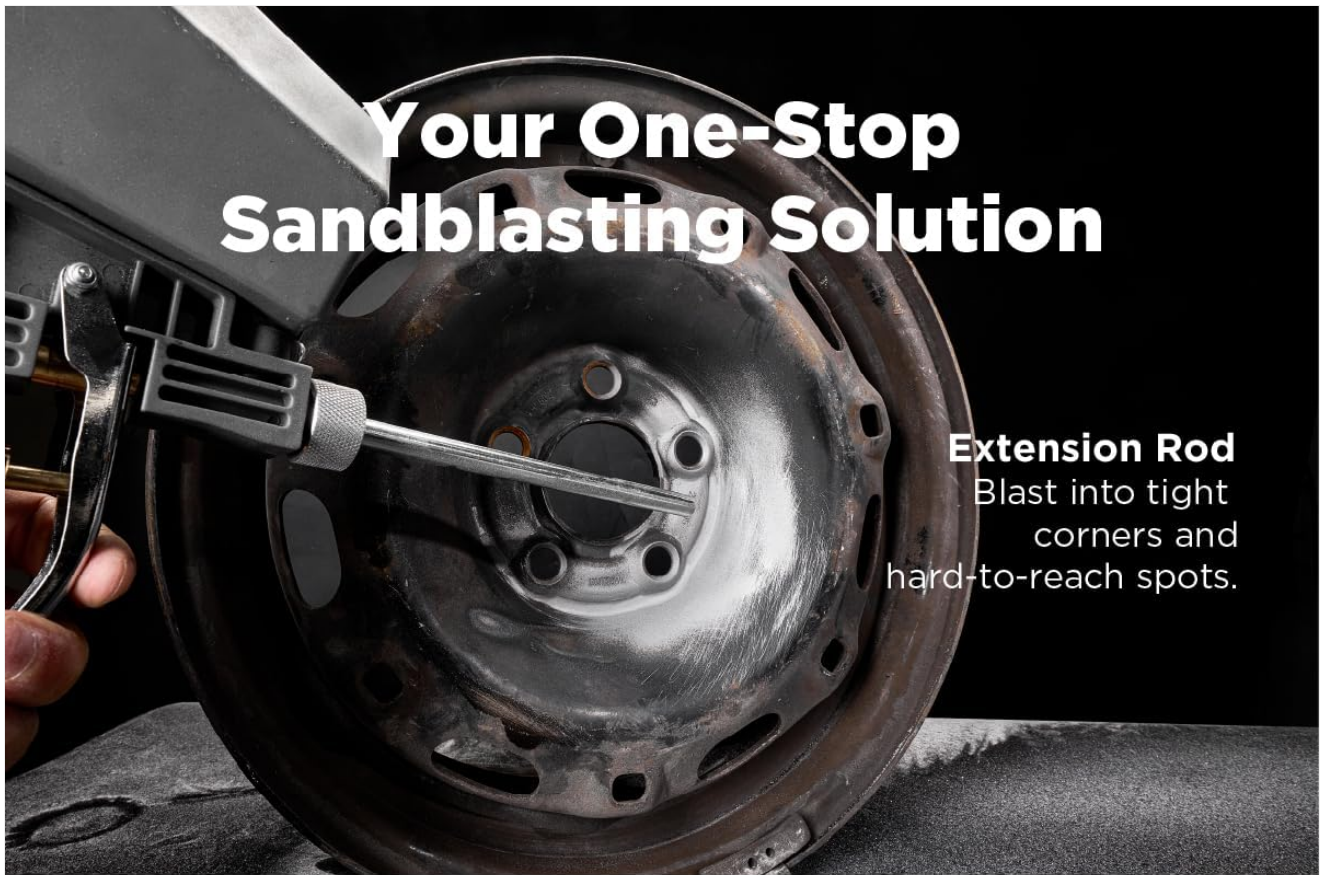
Here are solutions to common issues you might encounter:

Common Troubleshooting Steps

Problem	Possible Cause	Solution
No abrasive flow or inconsistent flow	• Clogged nozzle or internal passages • Wet or clumped abrasive media • Insufficient air pressure/CFM • Air leaks in connections	• Clear the nozzle and internal passages. • Ensure media is completely dry; use a moisture trap. • Verify air compressor output meets 60-120 PSI and 7 CFM. • Check all connections for leaks and tighten as needed, using Teflon tape.
Trigger not shutting off media flow	• Debris in trigger mechanism • Worn trigger components	• Disassemble and clean the trigger housing to remove any debris. • If components are worn, contact customer support for assistance.
Air leaks from connections	• Loose connections • Insufficient thread sealant	• Tighten all connections. • Apply Teflon tape to all threaded connections to ensure a hermetic seal.
Poor blasting performance	• Worn nozzle • Incorrect abrasive media or grit size • Low air pressure/CFM	• Inspect and replace worn ceramic nozzles. • Refer to the Abrasive Media Guide (Section 5) for appropriate media. • Ensure air compressor provides adequate pressure and CFM.

8. SPECIFICATIONS

Your One-Stop Sandblasting Solution



Extension Rod
Blast into tight corners and hard-to-reach spots.



15%
UP EFFICIENCY

Oil-Water Separator
Keeps blasting media dry and clog-free.

Image: Dimensions of the Inokraft Sand Blaster Gun.

Product Specifications

Feature	Detail
Model Number	InoKraft Sand Blaster Pro Kit
Item Weight	2.92 pounds
Package Dimensions	12.95 x 10.28 x 4.69 inches

Feature	Detail
Power Source	Air-Powered
Recommended Air Pressure	60-120 PSI
Minimum Airflow (CFM)	7 CFM
Hopper Capacity	900cc
Max Abrasive Grit Size	No coarser than 46 Grit

9. WARRANTY AND SUPPORT

The Inokraft Sand Blaster Gun Kit comes with a **1-year warranty** from the date of purchase, covering manufacturing defects and workmanship. This warranty does not cover damage due to misuse, improper maintenance, or normal wear and tear. For technical assistance, troubleshooting tips, or warranty claims, please refer to the contact information provided in your product packaging or visit the official InoKraft website for responsive support.