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> [NICREW Electric Gravel Vacuum \(Model HXS-01\) Instruction Manual](#)

NICREW HXS-01

NICREW Electric Gravel Vacuum (Model HXS-01) Instruction Manual

Your guide to efficient aquarium cleaning and maintenance.

INTRODUCTION

Thank you for choosing the NICREW Electric Gravel Vacuum. This 2-in-1 device is designed to simplify aquarium maintenance by efficiently cleaning gravel and facilitating water changes. Please read this manual thoroughly before use to ensure proper operation and longevity of your product.

NICREW
Automatic Gravel Cleaner
Reduce and simplify maintenance time



Image: The NICREW Electric Gravel Vacuum effectively cleaning aquarium gravel.

PRODUCT COMPONENTS

The NICREW Electric Gravel Vacuum comes with the following parts:

- Gravel Cleaner Device (Main Unit)
- Extension Nozzle

- Suction Nozzle
- Extension Tube
- Siphon Cap
- Filter Element (pre-installed, with spares)
- Power Adapter



Image: All components of the NICREW Electric Gravel Vacuum, including the main unit, various nozzles, extension tube, siphon cap, and filter elements.

SETUP AND ASSEMBLY

Follow these steps to assemble your gravel vacuum:

1. **Attach Extension Tube:** Connect the extension tube to the main gravel cleaner device by twisting until secure.
2. **Select Nozzle:** Choose either the Extension Nozzle (for deeper tanks) or the Suction Nozzle (for general use) and attach it to the end of the extension tube.
3. **Insert Filter Element:** Ensure the super-fine mesh filter element is correctly inserted into the main unit.
4. **Power Connection:** Connect the power adapter to the main unit and plug it into a suitable power outlet.

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Video: Official NICREW demonstration of assembling the electric gravel cleaner and its various components.

OPERATING INSTRUCTIONS

The NICREW Electric Gravel Vacuum offers two primary functions: gravel cleaning and water changing.

1. Gravel Cleaning Mode

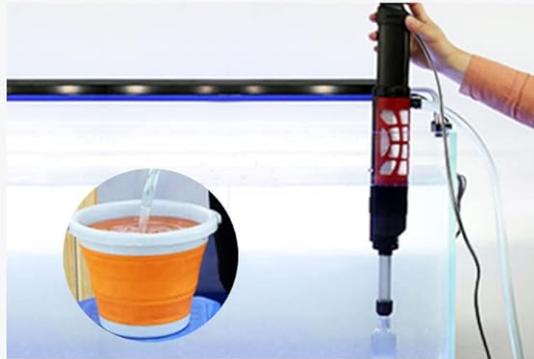
- **Preparation:** Ensure the filter element top cover is installed.
- **Submerge:** Place the nozzle end into the aquarium water. The motor will only activate when the water level reaches the minimum start-up line (approximately 8.5 inches from the bottom of the main unit). Ensure the vents at the base of the unit are fully submerged for optimal suction.
- **Activate:** Press the power button to turn on the device.
- **Clean Gravel:** Gently move the nozzle through the gravel. The suction will pull debris and waste into the filter element while allowing clean water to return to the tank. Avoid pressing too hard into the substrate to prevent disturbing beneficial bacteria.
- **Spot Cleaning:** Ideal for quick spot maintenance to remove particles from the topmost layer of substrate.

Multi-Purpose Automatic Cleaner



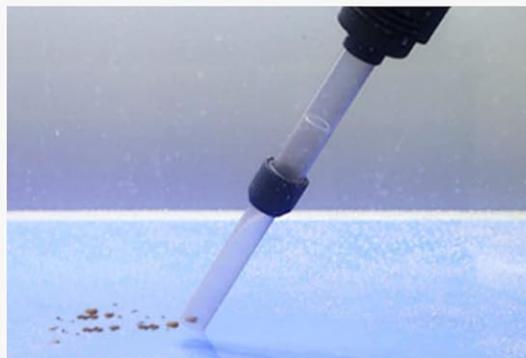
Gravel Cleaner

For quick on-the-spot cleaning



Water Changer

For complete aquarium maintenance



Fish Waste Remover

For a fresh environment for fish to live in

Image: The gravel vacuum efficiently removing debris from the aquarium substrate.

2. Water Changing Mode

- **Preparation:** Remove the filter element top cover and attach the siphon cap with the hose connector. Connect the provided hose to the siphon cap. Direct the other end of the hose into a bucket or drain.
- **Submerge & Activate:** Follow the same submerging and activation steps as for gravel cleaning.
- **Drain Water:** The device will pump water out of the aquarium through the hose. Monitor the water level to avoid removing too much water. It is recommended to change up to a maximum of 25% of your total aquarium water every 2 to 4 weeks to maintain a stable environment.

Upgrade Suction System

Advanced suction power is specifically designed to pick up dirt particles, remove waste and extract sludge.



Image: The electric gravel vacuum being used to siphon water out of an aquarium for a water change.

MAINTENANCE

Regular cleaning of your gravel vacuum ensures optimal performance and extends its lifespan.

Cleaning the Filter Element

1. **Turn Off & Remove:** Always turn off and unplug the device before performing any maintenance. Carefully remove the filter element from the main unit.
2. **Rinse:** Rinse the filter element thoroughly under running tap water to remove all trapped debris and waste.

3. **Reassemble:** Once clean, reinsert the filter element into the main unit.



Image: The filter element being detached from the main unit for cleaning.

Your browser does not support the video tag.

Video: A user demonstrating the ease of rinsing the filter element under running water.

Cleaning the Impeller

If you notice a significant reduction in suction power, the impeller may be obstructed or dirty.

1. **Disassemble:** Carefully disassemble the lower part of the main unit to access the impeller.
2. **Clean:** Remove any debris, hair, or other obstructions from the impeller and its housing.
3. **Reassemble:** Ensure all parts are reassembled correctly and securely.



Image: The impeller, a key component for suction, shown for inspection and cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low or No Suction	<ul style="list-style-type: none">• Insufficient water level• Clogged filter element• Obstructed impeller	<ul style="list-style-type: none">• Ensure the motor start-up water line is met and vents are submerged.• Clean the filter element as described in the Maintenance section.• Inspect and clean the impeller for any blockages.
Motor Not Starting	<ul style="list-style-type: none">• Power not connected• Water level too low• Motor malfunction	<ul style="list-style-type: none">• Check if the power adapter is securely plugged in.• Ensure the device is submerged to the minimum water level.• If issues persist, contact customer support.

Problem	Possible Cause	Solution
Water Leaks	<ul style="list-style-type: none">Loose connectionsDamaged seals	<ul style="list-style-type: none">Tighten all connections (nozzles, tubes).Inspect rubber seals for damage and replace if necessary.

SPECIFICATIONS

- Model Number:** HXS-01
- Item Weight:** 2.05 pounds
- Item Package Dimensions:** 17.27 x 5.99 x 2.67 inches
- Power:** 6W
- Voltage/Frequency:** 120V 60Hz
- Flow Rate:** 90 GPH (Gallons Per Hour)
- Maximum Water Depth:** Up to approximately 28 inches
- Material Feature:** Eco-Friendly
- Specific Uses:** Aquarium cleaning and water changes

WARRANTY AND SUPPORT

The NICREW Electric Gravel Vacuum comes with a **Hassle-Free 12-Month Warranty**. For any questions, concerns, or technical assistance, please contact our **24-Hour Friendly Customer Service**. Refer to your product packaging or the official NICREW website for specific contact details.