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SEKO DMS200/201AHP0800

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SEKO Electromagnetic Diaphragm Metering Pump

Model: DMS200/201AHP0800

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User Manual



This manual provides essential information for the safe and efficient operation, installation, and maintenance of your SEKO Electromagnetic Diaphragm Metering Pump, models DMS200/201AHP0800. Please read this manual thoroughly before installing or operating the pump to ensure proper usage and to prevent damage or injury.

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ZEAL WAVE



Figure 1: SEKO Electromagnetic Diaphragm Metering Pumps (DMS200/201AHP0800 Series)

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or equipment damage.

- Always disconnect power before performing any maintenance or service.
- Ensure the pump is installed in a well-ventilated area.
- Wear appropriate personal protective equipment (PPE) when handling chemicals or performing maintenance.

- Refer to local regulations and safety standards for chemical handling and electrical installations.

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3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, contact your supplier immediately.



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Figure 2: Pump and typical accessories

Typical package contents include:

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- SEKO Electromagnetic Diaphragm Metering Pump (DMS200 or DMS201 model)
- Mounting bracket and hardware
- Suction and discharge tubing
- Injection valve
- Foot valve/strainer
- User Manual (this document)

4. SETUP AND INSTALLATION

1. Mounting the Pump

Select a suitable location for the pump, ensuring it is stable, level, and accessible for operation and maintenance. Use the provided mounting bracket and hardware to securely fasten the pump to a wall or sturdy surface. Ensure there is adequate space around the pump for ventilation and tubing connections.

2. Tubing Connections

Connect the suction tubing from the chemical source to the pump's suction port. Connect the discharge tubing from the pump's discharge port to the injection valve at the dosing point. Ensure all connections are tight and leak-free. Use appropriate tubing material compatible with the chemicals being pumped.

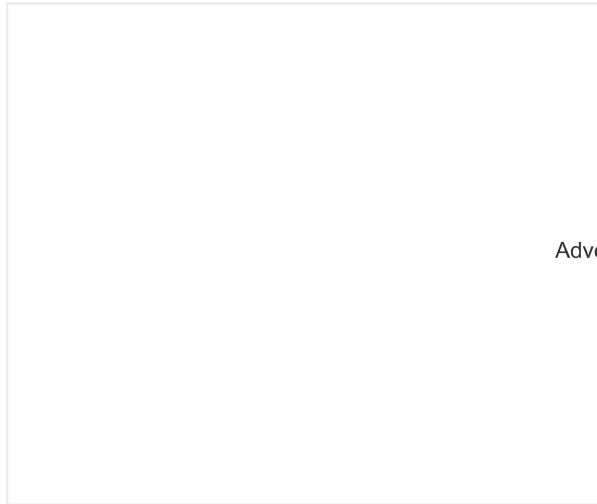
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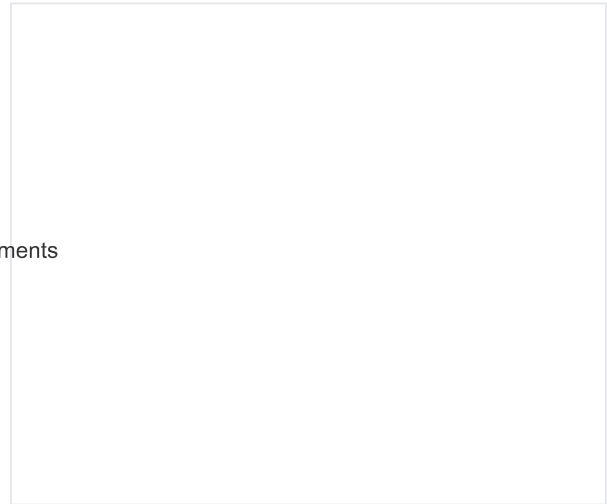
by appropriate circuit breakers.

4. **Priming the Pump**

Before initial operation, the pump head must be primed to remove any air. Refer to the specific priming procedure for your model, typically involving opening a bleed valve on the pump head while the pump is running at a low stroke rate until fluid flows consistently.



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5. OPERATING INSTRUCTIONS

The SEKO DMS200/201AHP0800 series pumps feature an intuitive control panel for setting dosing parameters.





Figure 3: Control Panel Overview

1. **Power On/Off**

Press the 'start/stop' button to turn the pump on or off. The display will illuminate when the pump is active.

2. **Setting Dosing Parameters**

Use the 'UP' and 'DOWN' arrow buttons to navigate through the menu and adjust parameters such as stroke frequency (dosing rate) or stroke length (dosing volume per stroke). Consult the display for current settings.

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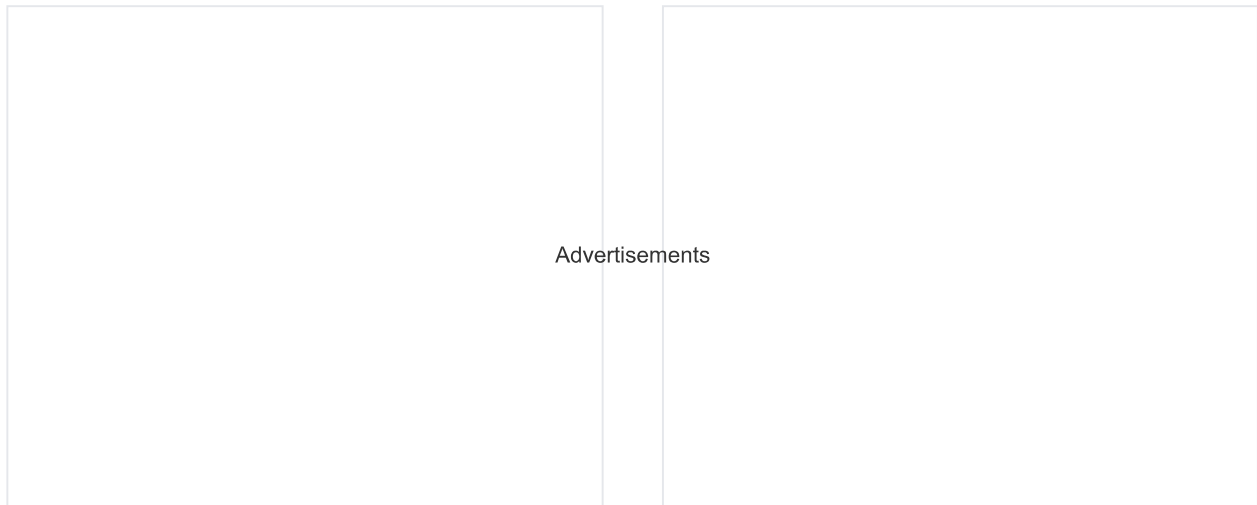


3. **Monitoring Operation**

The digital display provides real-time feedback on pump status and settings. An 'alarm' indicator light will illuminate if an error or fault condition is detected.

4. **Adjusting Flow Rate**

The flow rate can be adjusted by changing the stroke frequency (pulses per minute) and/or the stroke length. Refer to the pump's calibration chart or perform a calibration to ensure accurate dosing.



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6. **MAINTENANCE**

Regular maintenance ensures optimal performance and extends the lifespan of your metering pump.

- **Routine Inspection**

Periodically check all tubing, connections, and the pump head for signs of wear, leaks, or chemical buildup. Replace any worn or damaged components immediately.

- **Cleaning**



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- **Diaphragm and Valve Replacement**

The diaphragm and valves are wear parts and should be inspected regularly. Replace them according to the manufacturer's recommendations or if performance degrades. Refer to the service manual for detailed replacement procedures.

- **Winterization (if applicable)**

If the pump is exposed to freezing temperatures, ensure it is drained and flushed with an anti-freeze solution to prevent damage.

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7. TROUBLESHOOTING



Problem	Possible Cause	Solution
Pump not operating	No power; 'start/stop' button not pressed; motor fault.	Check power connection; press 'start/stop'; contact support if motor fault.
No fluid flow	Pump not primed; suction line blocked; air leak in suction; clogged foot valve/injection valve.	Prime the pump; check and clear suction line; tighten connections; clean/replace valves.
Inaccurate dosing	Air in pump head; worn diaphragm/valves; incorrect calibration.	Re-prime pump; inspect and replace diaphragm/valves; re-calibrate pump.
Alarm indicator on	Overpressure; motor overload; internal fault.	Check discharge pressure; reduce load; contact support.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact customer support.

8. SPECIFICATIONS

The SEKO DMS200/201AHP0800 series offers various configurations. Specific performance data may vary by model variant. Always refer to the product label on your specific unit for precise specifications.

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Feature	Detail
Brand Name	SEKO
	DMS200AHP0800, DMS201AHP0800, AMS200AHE0800,

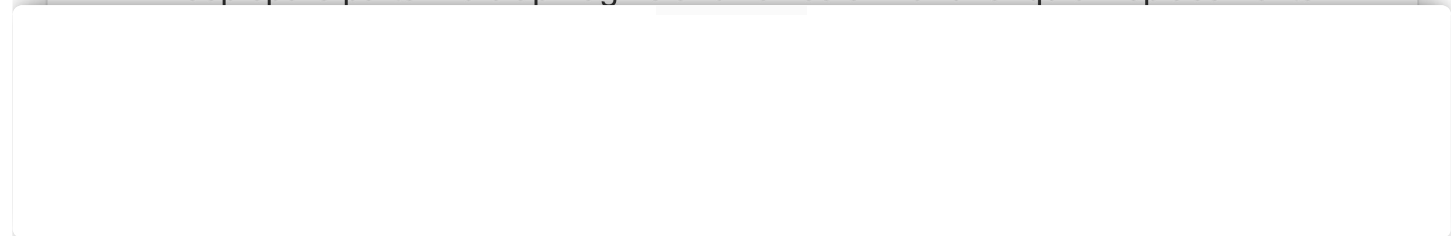
Feature	Detail
Item Type	Electromagnetic Diaphragm Metering Pump
Origin	Mainland China
Certification	NONE (as per provided data, typically CE/UL certified)
Package Weight	3.1 kg
Package Dimensions (L x W x H)	10 cm x 10 cm x 10 cm

9. USER TIPS

This section typically includes helpful advice and common solutions based on user feedback and frequently asked questions. As no specific user reviews or Q&A were provided, we recommend:

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- Always double-check chemical compatibility with pump materials before operation.
- Perform regular calibration checks to maintain dosing accuracy.
- Keep spare parts like diaphragms and valves on hand for quick replacements.



Warranty Information

Your SEKO Electromagnetic Diaphragm Metering Pump is covered by a **60-day warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. If you receive an item that is not in the condition as described, a refund or replacement will be provided promptly.



Figure 4: 60 Days Warranty

Returns are acceptable up to 15 days after you receive the item for refund (less shipping) if the item doesn't fit or is no longer desired. Refunds will be issued within 1-2 business days upon receipt of the returned item.

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Customer Support



Customer Service Hours (Time Zones):

- CN: 9 AM - 6 PM
- RU: 4 AM - 1 PM
- AU: 11 AM - 8 PM
- UK: 1 AM - 10 AM
- DE: 2 AM - 11 AM
- US: 8 PM - 5 AM ET

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Related Documents - DMS200/201AHP0800

	CHEM-FEED MD1 Multi-Diaphragm Metering Pump: Installation and Operation Manual Comprehensive instruction manual for the CHEM-FEED MD1 Multi-Diaphragm Metering Pump by Blue-White Industries. Covers engineering specifications, installation, operation, maintenance, troubleshooting, and warranty.
	Dosatron Diaphragm 11 US GPM DM 11 F Owner's Manual and Installation Guide Comprehensive owner's manual and installation guide for the Dosatron

	Blue-White CHEM-FEED® CD3 Multi-Diaphragm Metering Pump Operating Manual This operating manual provides comprehensive details on the Blue-White CHEM-FEED® CD3 Multi-Diaphragm Metering Pump, covering installation, operation, maintenance, specifications, and troubleshooting for industrial and commercial applications.
	Walchem EWN-R Series Electromagnetic Metering Pumps Specification Guide Technical specifications, features, and model identification for the Walchem EWN-R Series electromagnetic metering pumps, including controller functions and material compatibility.
	ETATRON D.S. DLX - DLXB VFT/MBB Metering Pump Operating Instructions and Maintenance Manual Comprehensive operating instructions, installation guide, maintenance procedures, and troubleshooting information for the ETATRON D.S. DLX and DLXB VFT/MBB series microcontroller dosing pumps. Covers technical specifications, features, and safety warnings.
	ETATRON D.S. DLX/DLXB VFT/MBB Metering Pump Operating Instructions and Maintenance Manual Comprehensive operating instructions, installation guide, maintenance procedures, and technical specifications for ETATRON D.S. DLX and DLXB series VFT/MBB microcontroller dosing pumps. Covers safety, operation, troubleshooting, and parts.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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KEEP EXPLORING MANUALS, GUIDES, AND SUPPORT DOCS.

Search model numbers, browse help resources, and jump straight into the next PDF manual or troubleshooting page without losing your place.

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