

Wagner 2371053

WAGNER Control Pro 250 M Airless Paint Spray System

Model: 2371053 | Brand: Wagner

PRODUCT OVERVIEW

The WAGNER Control Pro 250 M is a compact, high-performance Airless paint spray system designed for both experienced DIY enthusiasts and beginners. It features High-Efficiency Airless (HEA) technology, which operates at reduced pressure to deliver a perfectly covering application with significantly less overspray, up to 55% reduction. This system is suitable for a wide range of materials, including water-based and solvent-based lacquers, glazes, wood preservatives, dispersion, and latex paints.

Key features include an innovative nozzle structure for streak-free professional results, a high-quality Airless gun with a two-finger trigger for comfortable operation, and a flexible 9-meter hose for an extended working radius. The integrated carrying handle allows for easy transport between work areas.

SAFETY INFORMATION

Always prioritize safety when operating the WAGNER Control Pro 250 M. Failure to follow safety instructions can result in serious injury or property damage.

- **Read the Manual:** Thoroughly read and understand all instructions and safety warnings in this manual before operating the device.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, gloves, and a respirator (like the FFP2 mask included) to protect against paint fumes and overspray.
- **Ventilation:** Ensure adequate ventilation in the work area to prevent the buildup of hazardous fumes.
- **Flammable Materials:** Do not spray flammable materials near open flames, pilot lights, or other ignition sources. Ensure the work area is free of sparks.
- **Electrical Safety:** Ensure the power supply matches the device's requirements. Do not operate with damaged cords or plugs. Keep electrical connections dry.
- **Pressure Release:** Always release pressure from the system before cleaning, changing nozzles, or performing any maintenance.
- **Children and Bystanders:** Keep children and bystanders away from the operating area.

COMPONENTS AND WHAT'S IN THE BOX

The WAGNER Control Pro 250 M system comes with the following components:

- Control Pro 250 M Base Unit
- High-quality Control Pro Airless Gun
- 9-meter Airless Hose
- Reversible HEA Nozzles (311 and 517) for viscous and fluid materials
- HEA Filter Kit
- Instruction Manual
- FFP2 Protective Mask



Image: The WAGNER Control Pro 250 M base unit, Airless spray gun, hose, two HEA nozzles (311 and 517), and an FFP2 protective mask. These are the primary components included with the system.

SETUP

1. **Prepare the Work Area:** Ensure the area is clean, well-ventilated, and free from obstructions. Cover surfaces not intended for painting.
2. **Connect the Hose:** Securely attach the 9-meter Airless hose to the base unit's outlet and to the Airless spray gun. Ensure all connections are tight to prevent leaks.
3. **Install the Nozzle:** Select the appropriate HEA nozzle (311 for fluid materials, 517 for viscous materials) and install it correctly into the spray gun. Refer to the nozzle guide for specific material compatibility.

4. **Prepare Paint Material:** Stir your paint thoroughly. The Control Pro 250 M allows direct suction from the paint bucket, eliminating the need for decanting or refilling. Place the suction tube directly into the paint container.
5. **Prime the System:** Follow the priming instructions in the detailed manual to remove air from the system and ensure a smooth flow of paint. This typically involves setting the unit to prime mode and circulating paint until it flows freely.
6. **Connect Power:** Plug the power cord into a grounded electrical outlet (230 Volts).

OPERATING INSTRUCTIONS

Once the system is set up and primed, you can begin painting. The HEA technology ensures a controlled spray pattern with reduced overspray.

1. **Adjust Pressure:** Use the pressure adjustment knob on the base unit to set the desired pressure. Start with a lower setting and increase gradually until you achieve an even spray pattern without streaks.
2. **Test Spray:** Before painting your main surface, perform a test spray on a piece of cardboard or scrap material to check the spray pattern and adjust pressure as needed.
3. **Spraying Technique:**
 - Hold the spray gun perpendicular to the surface, maintaining a consistent distance (typically 25-30 cm).
 - Use smooth, even strokes, overlapping each pass by approximately 50% to ensure uniform coverage.
 - Release the trigger at the end of each pass to avoid paint buildup.
4. **Painting Indoors:** For indoor projects like walls, ensure proper masking and ventilation. The reduced overspray of HEA technology minimizes mess.
5. **Painting Outdoors:** When painting outdoors, be mindful of wind conditions. The system is suitable for various outdoor applications such as sheds or fences.



Image: An individual demonstrating the use of the WAGNER Control Pro 250 M to paint an interior wall, highlighting the ease of use and direct suction from a paint bucket.



Image: An individual using the WAGNER Control Pro 250 M to paint the exterior of a wooden shed, showcasing the system's versatility for outdoor projects.

MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and optimal performance of your WAGNER Control Pro 250 M.

- **Immediate Cleaning:** Clean the system immediately after each use. Do not allow paint to dry inside the unit, hose, or gun.
- **Flush with Water/Solvent:** For water-based paints, flush the system with warm water until it runs clear. For solvent-based paints, use the appropriate cleaning solvent.
- **Clean Nozzle and Filter:** Remove and thoroughly clean the nozzle and filter elements. The reversible nozzle design aids in clearing clogs.
- **Gun Cleaning:** Disassemble and clean the spray gun components as per the detailed manual.
- **Storage:** Store the unit in a clean, dry, and frost-free environment. Apply pump protector fluid if storing for extended periods.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter:

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle, insufficient paint, air in system, worn pump.	Clean or replace nozzle. Ensure sufficient paint. Re-prime the system. Check for leaks.
Uneven spray pattern / Streaks	Incorrect pressure setting, worn nozzle, improper spraying technique, paint too thick.	Adjust pressure. Replace nozzle. Maintain consistent distance and overlap. Thin paint if necessary (check paint manufacturer's guidelines).
Excessive overspray	Pressure too high, incorrect nozzle size, paint too thin.	Reduce pressure. Use appropriate HEA nozzle. Do not over-thin paint.
Unit not starting	No power, faulty switch, motor issue.	Check power connection and outlet. Consult the full manual or contact customer support.

For more detailed troubleshooting, refer to the complete instruction manual provided with your WAGNER Control Pro 250

SPECIFICATIONS

Feature	Detail
Model Name	WAGNER Airless Paint Spray System Control Pro 250 M
Model Number	2371053
Manufacturer	WAGNER
Dimensions (L x W x H)	46 x 39.5 x 33.5 cm
Item Weight	7.6 Kilograms
Power Source	Corded Electric
Voltage	230 Volts
Hose Length	9 Meters
Material	Plastic
Special Features	Direct suction, Lightweight Airless gun, HEA Technology
Included Components	Base unit, Airless gun, 9m hose, 311 & 517 HEA nozzles, HEA Filter kit, manual, FFP2 mask

WARRANTY AND SUPPORT

WAGNER stands behind the quality of its products. The Control Pro 250 M comes with a manufacturer's guarantee.

- **Standard Guarantee:** The product typically includes a standard guarantee period.
- **Extended Guarantee:** WAGNER offers an extended guarantee of **3 + 1 Extra Year**. To benefit from the additional 1-year guarantee, product registration may be required. Please refer to the official WAGNER website or the guarantee card included in your package for registration details and terms and conditions.
- **Spare Parts Availability:** Spare parts are generally available for at least 1 year from the date of purchase.



Image: The WAGNER Guarantee logo indicating a "3+1 Extra Year" warranty, suggesting an extended warranty period may be available upon registration.

For technical support, warranty claims, or to purchase spare parts, please contact WAGNER customer service or visit their official website. You can also utilize the WAGNER DIY Application for smart tips and further assistance.

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This manual is for informational purposes only. Always refer to the official product manual for complete and up-to-date instructions.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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