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> Towallmark 1010W Stand Airless HVLP Paint Sprayer Model 01 User Manual

Towallmark 01

Towallmark 1010W Stand Airless HVLP Paint Sprayer

Model 01 User Manual

IMPORTANT SAFETY INSTRUCTIONS

Read and understand all safety information before operating this paint sprayer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Ventilation:** Always operate the sprayer in a well-ventilated area to prevent the accumulation of flammable vapors.
- **Eye and Skin Protection:** Wear safety glasses, a respirator, and protective clothing to prevent contact with paint and solvents.
- **Fire Hazard:** Do not spray flammable materials near open flames, pilot lights, or other ignition sources. Ensure proper grounding.
- **High Pressure:** The sprayer operates at high pressure (up to 3000 PSI). Never point the spray gun at yourself or others. Do not place hands or other body parts in front of the spray tip.
- **Hose Connections:** Ensure all hose connections are extremely tight before operation to prevent leaks. A loose connection can cause liquid to leak or result in weak spray.
- **Electrical Safety:** Ensure the power source matches the sprayer's requirements. Do not operate in wet conditions.
- **Children and Pets:** Keep children and pets away from the work area and the sprayer.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the parts of your Towallmark 1010W Stand Airless HVLP Paint Sprayer before use.

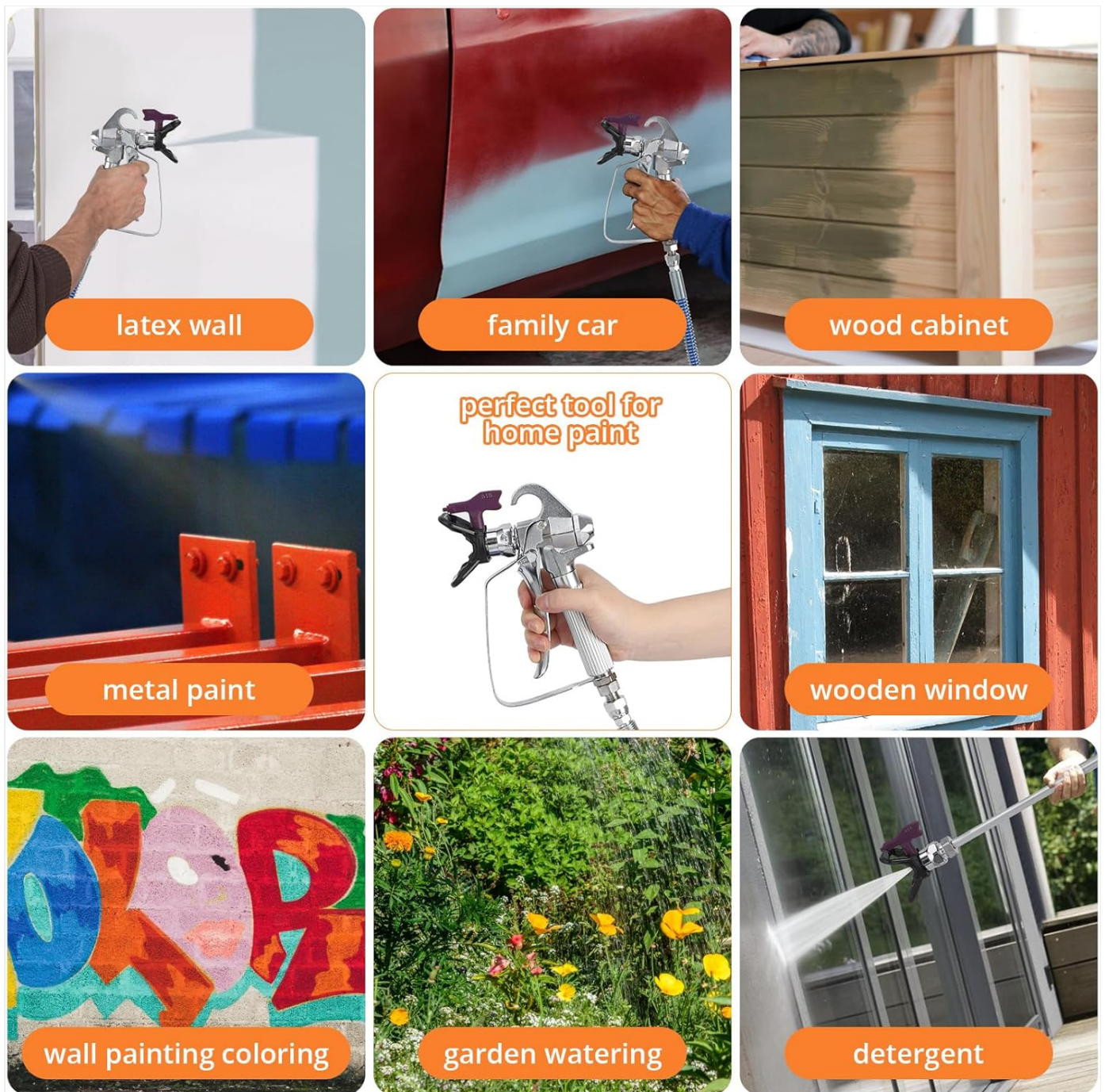


Figure 1: Labeled components of the paint sprayer. Key parts include the spray hose, trigger, spray tip, spray gun, lance, carry handle, ON/OFF switch, Prime/Spray switch, return hose, stand, suction hose filter, and suction hose.

1. Spray Hose
2. Trigger Guard
3. Trigger
4. Nozzle Guard
5. Spray Tip
6. Spray Gun
7. Spray Gun Handle
8. Lance
9. Carry Handle
10. ON/OFF Switch
11. Prime/Spray Switch
12. Return Hose Inlet Port

13. Return Hose
14. Stand
15. Suction Hose Filter
16. Suction Hose
17. Suction Hose Inlet Port
18. Spray Hose Outlet Port

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1010W Stand Airless HVLP Paint Sprayer Unit
- High-Pressure Spray Hose (7.5m / 24.6ft)
- Spray Gun with 515 Tip
- Extension Rod (50cm / 19.7in)
- Suction Hose with Filter
- Return Hose
- User Manual

SETUP INSTRUCTIONS

1. **Prepare the Work Area:** Ensure the area is well-ventilated, clean, and free of ignition sources. Cover surfaces not intended for painting.
2. **Assemble the Sprayer:**
 - Attach the high-pressure spray hose to the sprayer's outlet port and the spray gun. Ensure all connections are tightened very firmly using the provided wrenches to prevent leaks.
 - Connect the suction hose with filter to the suction hose inlet port.
 - Connect the return hose to the return hose inlet port.
 - If needed, attach the extension rod to the spray gun for hard-to-reach areas.
3. **Prepare the Paint:** This sprayer is designed for unthinned paint. Ensure the paint is suitable for airless sprayers. Stir the paint thoroughly.
4. **Place Hoses:** Submerge the suction hose filter into the paint container. Place the return hose into a waste bucket or back into the paint container for priming.

OPERATING INSTRUCTIONS

1. **Priming the Sprayer:**
 - Turn the Prime/Spray switch to the "Prime" position.
 - Turn on the sprayer's ON/OFF switch.
 - Allow the sprayer to run until paint flows smoothly from the return hose, indicating that air has been purged from the system. This may take a few minutes.
 - Once primed, turn off the sprayer.
2. **Adjusting Flow Control:**

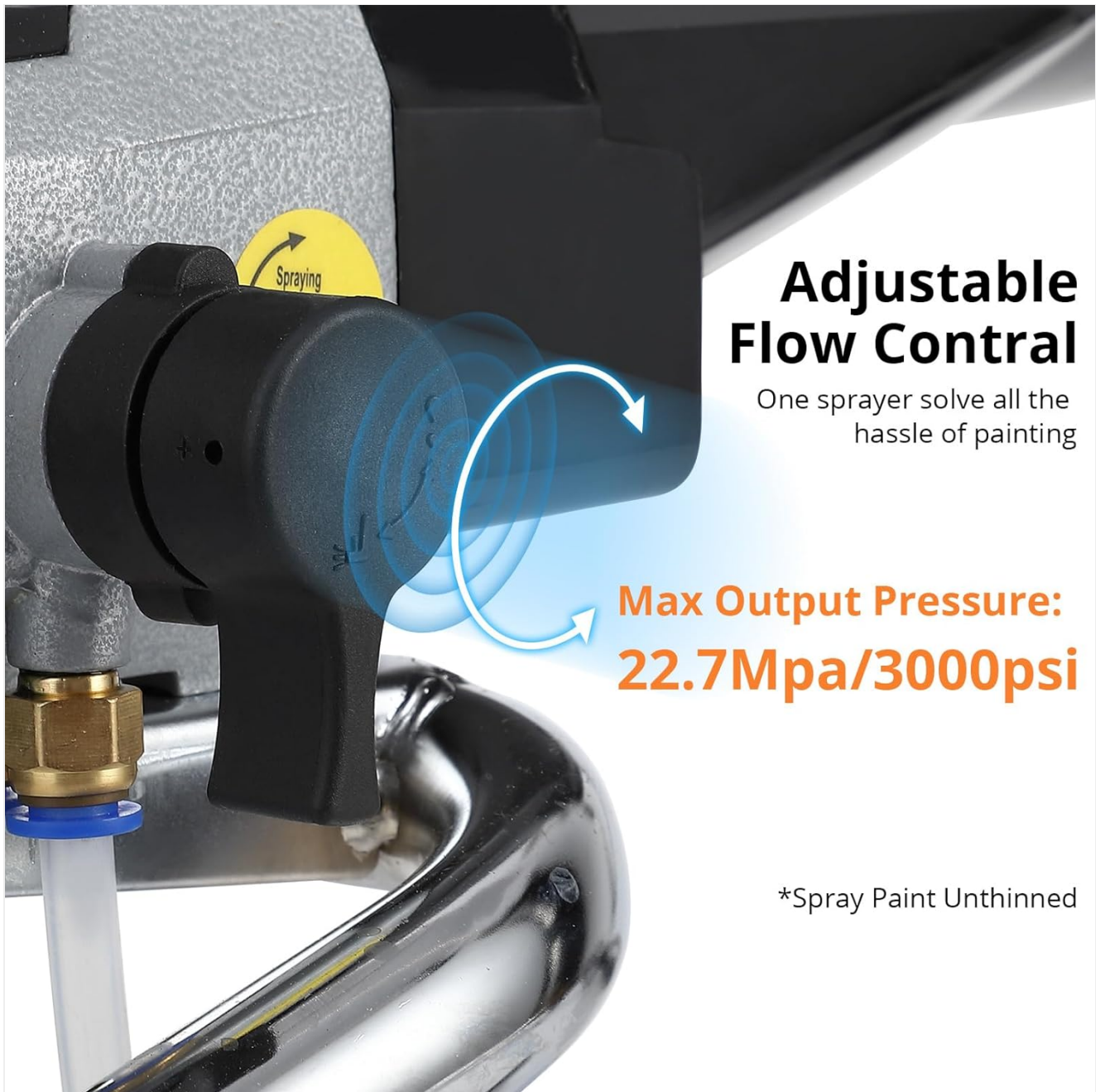


Figure 2: The adjustable flow control knob allows pressure adjustment from 500 PSI to 3000 PSI.

The output pressure can be adjusted using the control valve knob. Rotate the knob to increase or decrease pressure (ranging from 500 PSI to 3000 PSI) to suit your paint type and desired finish.

3. Spraying:

- Turn the Prime/Spray switch to the "Spray" position.
- Turn on the sprayer.
- Point the spray gun at a test surface to check the spray pattern and adjust pressure as needed.
- Maintain a consistent distance from the surface and move the gun in smooth, even strokes. Overlap each pass by approximately 50% for uniform coverage.
- For hard-to-reach areas, utilize the 50cm (19.7in) extension rod.



Figure 3: Using the extension pole for painting hard-to-reach areas like high walls or ceilings.

4. Stopping Operation:

- Release the trigger.
- Turn off the sprayer.
- Engage the trigger lock on the spray gun for safety.

MAINTENANCE AND CLEANING

Proper cleaning after each use is essential for the longevity and performance of your paint sprayer.

One-Pass Smooth Coverage

Helping you work effortlessly and efficiently



Up to 
5x
faster than
ordinary

Up to 
12x
faster than
ordinary

Figure 4: The spray gun is designed for easy cleaning by running water or solvent through it.

- 1. Depressurize the System:** Always depressurize the sprayer before cleaning or maintenance. Turn off the sprayer, engage the trigger lock, and then point the gun into a waste bucket and release the trigger to relieve pressure.
- 2. Flush with Cleaning Solution:**
 - Remove the suction hose from the paint and place it into a bucket of appropriate cleaning solution (water for latex paints, mineral spirits for oil-based paints).
 - Place the return hose into the same cleaning solution bucket.
 - Turn the Prime/Spray switch to "Prime" and turn on the sprayer. Allow the cleaning solution to circulate until it runs clear from the return hose.
 - Turn the Prime/Spray switch to "Spray". Point the spray gun into the waste bucket and spray until the cleaning solution runs clear.
 - Turn off the sprayer and depressurize the system.
- 3. Clean Components:**
 - Remove the spray tip and guard. Clean them thoroughly with the appropriate solvent and a brush.

- Clean the suction hose filter.
- Wipe down the exterior of the sprayer and hoses.

4. **Storage:** Store the cleaned sprayer in a dry, safe place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	<ul style="list-style-type: none"> • Loose hose connections • Clogged spray tip • Insufficient priming • Suction hose not fully submerged • Prime/Spray switch in wrong position 	<ul style="list-style-type: none"> • Tighten all hose connections firmly. • Clean or replace the spray tip. • Re-prime the sprayer until paint flows smoothly. • Ensure suction hose filter is fully submerged in paint. • Set Prime/Spray switch to "Spray".
Sprayer not priming	<ul style="list-style-type: none"> • Air in the system • Suction hose not submerged • Clogged suction filter • Loose connections 	<ul style="list-style-type: none"> • Ensure Prime/Spray switch is in "Prime" position and run until air is purged. • Verify suction hose is fully in paint. • Clean the suction filter. • Check and tighten all connections.
Paint leaks from connections	<ul style="list-style-type: none"> • Loose fittings • Damaged O-rings or seals 	<ul style="list-style-type: none"> • Tighten all fittings securely with wrenches. • Inspect and replace any damaged O-rings or seals.
Inconsistent spray pattern	<ul style="list-style-type: none"> • Clogged spray tip • Incorrect pressure setting • Paint too thick 	<ul style="list-style-type: none"> • Clean or replace the spray tip. • Adjust pressure using the flow control knob. • Ensure paint is suitable for airless spraying and not overly thick.

SPECIFICATIONS

Product Parameters

Item Dimensions L × W × H: 51.5*32*25.5 cm / 20.3*12.6*10 in

Item Weight: 21lbs / 9.5kg

Hose Length: 24.6ft / 7.5m



Figure 5: Key product dimensions, weight, and hose length.

SPECIFICATIONS



Mains Voltage: **120V 60Hz** Power: **1010W** Rated Power: **5.2A**

Max Output Pressure: **22.7Mpa/3000psi**

Spray Tip Size: **515**

Extension Rod Length: **50cm/19.7in**

Max.Flow Rate: **1.5L/min / 0.33Gpm**

Sound Power Value: **110dB(A)**

Figure 6: Detailed technical specifications for the paint sprayer.

Feature	Specification
Model Name	01
Brand	Towallmark
Mains Voltage	120V 60Hz
Power	1010W
Rated Power	5.2A
Maximum Output Pressure	22.7Mpa / 3000 PSI
Spray Tip Size	515
Extension Rod Length	50cm / 19.7in

Feature	Specification
Maximum Flow Rate	1.5L/min / 0.33Gpm
Sound Power Value	110dB(A)
Hose Length	7.5 Meters / 24.6ft
Item Weight	9.5kg / 21 lbs
Product Dimensions (L x W x H)	51.5 x 32 x 25.5 cm / 20.3 x 12.6 x 10 in
Material	Metal, Plastic

WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact Towallmark customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can often find support information on the manufacturer's official website or through the retailer where the product was purchased.

