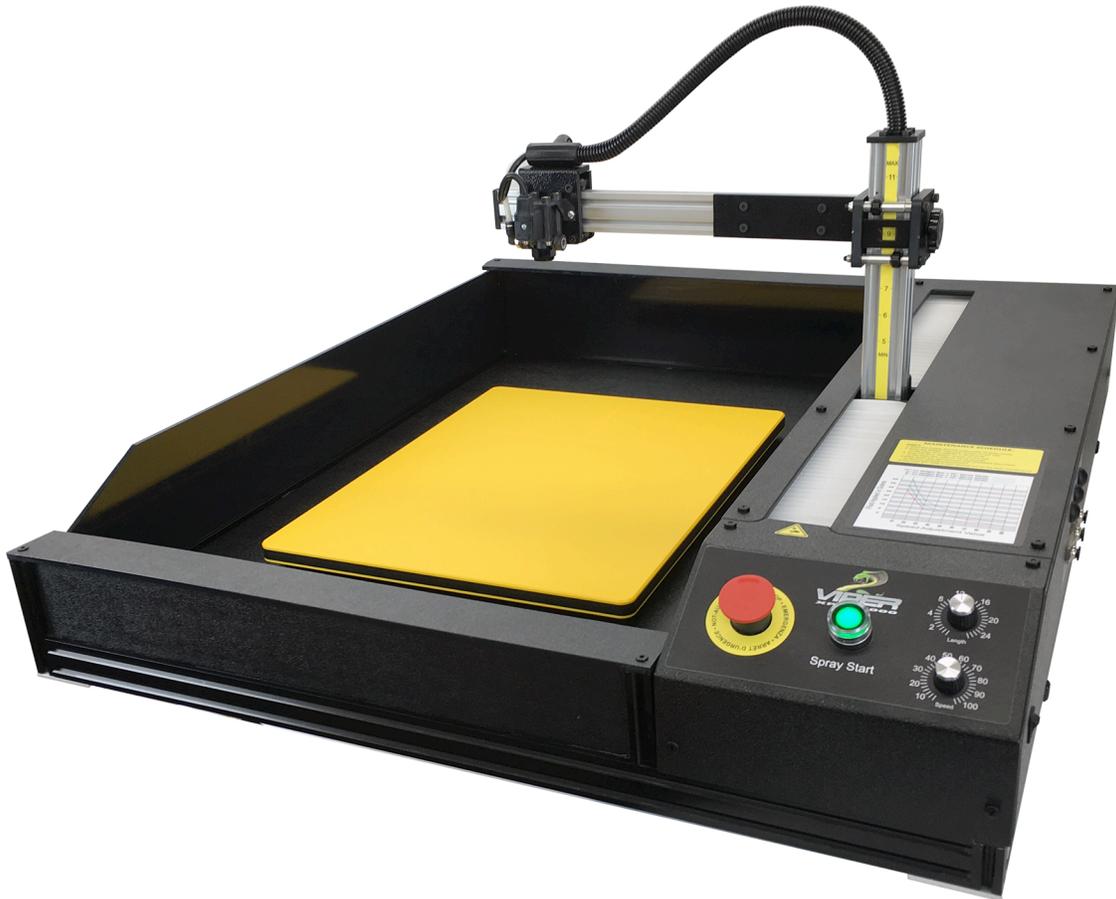




Pre-Treatment Machine

USER MANUAL

Original Instructions



Revision 1.0

SYSTEM OVERVIEW

WARNING!!! The Viper XPT-1000 is designed for applying pre-treatment fluid to apparel that will be decorated with a direct-to-garment printer. The User assumes all risks associated with the use of this machine and the fluids run through the Viper XPT-1000.

WARNING!!! Before servicing the Viper XPT-1000, press the E-Stop button to interrupt power to the unit. Then unplug the Viper XPT-1000 from the power supply, after which maintenance can be performed.

SYSTEM SPECIFICATIONS

Electric Requirements

110V Outlet

Shipping Information

Packaged shipping dimensions:

Box #1: Spray Unit and Platen

Dimensions: 14"L x 39"W x 20H"

Weight: 50 lbs

Box #2: Spray Base

Dimensions: 38"L x 40"W x 10H"

Weight: 32 lbs

Unit Specifications and Features

Combined Spray Base and Spray Unit Dimensions: 33.5"W x 36.5"L x 6.875"H

Weight: 50 lbs.

110V Power Outlet Required / 24V Power Supply provides power to Viper XPT-1000

Single spray nozzle

Spray cycle time: ~ 4-10 seconds (depending on fluid laydown setting)

Maximum pretreatment area: Up to 20"W x 24"L

Adjustable spray length: 2" to 24"

Adjustable pre-treatment fluid application: 5-60 grams (for 14x14" area) – Application will vary with Spray Head Height

Engineered Fluid Dynamics Open-Air Spray Area

Body made from corrosion-proof high grade plastic and anodized aluminum Spray Base frame

Extremely easy to flush, clean and fill push buttons.

LABELS



CAUTION: This label is the Emergency Stop label. Pressing the red button will stop all motion and cut all power to the Viper XPT-1000 system.



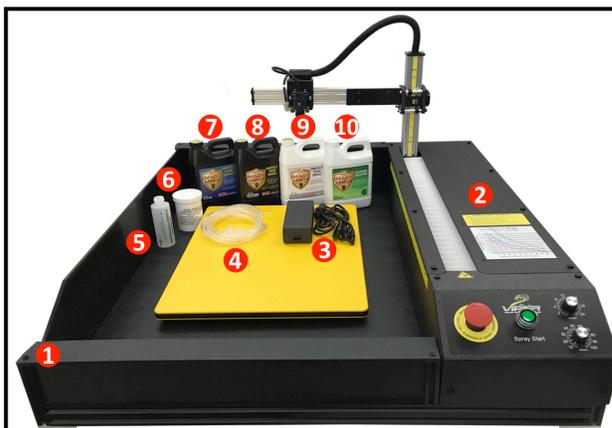
CAUTION: Keep all bodily parts and items away from and out of these areas.

PACKING & MOVING THE Viper XPT-1000

CAUTION: The Viper XPT-1000 is heavy and requires at least two people to lift the Viper XPT-1000 from the box when moving the unit. Use proper lifting techniques. Always carry from the bottom of the device. Never lift utilizing the spray bar.

- Before moving disconnect all Fluid Lines and the 24V power plug from the power input jack.
- Remove the Platen and store safely.
- Remove from/or secure the Spray Unit to the Spray Base
- Securely store the Viper XPT-1000 in the original box before moving.

INCLUDED WITH THE Viper XPT-1000



1. ViperXPT-1000 Pretreater Base
2. ViperXPT-1000 Pretreater Spray Unit
3. 24VDC Power Supply
4. Three (3x) Fluid Supply Tubes
5. Purge Bottle
6. Tip Soaking Jar, Toothbrush, and 3mm Hex Key (Allen Key)
7. 1 Quart Image Armor ULTRA Pretreatment
8. 1 Quart Image Armor DARK Pretreatment
9. 1 Quart Image Armor LIGHT Pretreatment
10. 1 Quart Image Armor CLEANING SOLUTION

SETTING UP THE Viper XPT-1000

1. Carefully unpack the Viper XPT-1000 Base and Spray Unit from their respective boxes.
2. Enclosed in the Spray Unit Box there is a Viper Accessories Box which contains:
 - One Quart each of the following Image Armor
 - LIGHT, DARK, and ULTRA Pretreatments
 - One Quart of Image Armor CLEANING SOLUTION
 - Tip Soaking Container (Includes toothbrush, 3mm Hex/Allen Key
 - Purge Bottle
 - 24V Power Supply
 - 3 Qty Supply Tubes with filters
3. Remove the Viper XPT-1000 Spray Base from the shipping box and place on a level table.
4. Carefully unpack the Viper XPT-1000 Spray Unit, remove the two left rubber feet by unscrewing them and place the Spray Unit onto the Pretreater Base as seen in the videos.
4. Firmly insert one of each of the Fluid Supply Tubes to each of the inputs on the right side of Spray Unit.
5. Plug the 24V Power Supply into a properly installed 110V outlet.
6. Connect the 24V Power Supply into the rear Right side power jack of the Viper XPT-1000
7. Ensure the red E-STOP Button is not pressed by twisting ¼ turn to the right. This will release the E-STOP if engaged.

SCAN THE QR CODE BELOW
WITH YOUR PHONE TO
VIEW THE ONLINE VIDEO
QUICK START GUIDE



OPERATING THE Viper XPT-1000

WHAT IS ON THE CONTROL PANEL?

- **Start Button:** Pressing the button will initiate the Viper XPT-1000 to spray the shirt. Quickly press and release the Start button. DO NOT HOLD IN.
- **E-Stop Button:** Depressing this will disconnect all power to the Viper XPT-1000 causing all functionality to stop.
- **Speed Knob:** The knob allows the user to set the amount of laydown in grams as indicated on the Laydown Chart located on the top of the Viper XPT-1000 Spray Unit.
- **Length Knob:** The knob allows the user to set the spray length as indicated on the dial. .



Adjusting the Spray Length

To adjust the spray length the user simply turns the bottom 'LENGTH' knob to the desired spray length as indicated on the panel.

Loading the Shirt

The shirt collar needs to be located closest to the operator on the platen. Drape the Shirt over the platen pulling the shirt towards you to smooth the fabric as much as possible. Position according to your spray head. Utilize the Line Laser to find the center line of the spray pattern. **HINT: You can lay several shirts at a time onto the platen to speed up production.**

Make sure that the shirt is completely smooth and the shirt sleeves are not laying on the platen or in the spray area. Even though the Spray Base is an "open air" concept, the engineering and fluid dynamics keeps the spray mist/bounce inside the spray area. This ensures that there is no or minimal wasted pretreatment not applied to the garment.

TIP: For loading thicker garments such as sweatshirts or hoodies, lay the hood over the front vertical panel of the Spray Base. Adjust the spray head left to right as needed to center the spray pattern on the shirt..

Spraying the Shirt

Once the shirt is in position it is ready to pretreat. Press the green START button. **DO NOT HOLD IN START BUTTON.** After spraying, carefully remove the garment and cure the pre-treatment according to manufacturer's specifications.

FLUID APPLICATION SPECIFICATION

The Viper XPT-1000 applies fluid to the garment based on how fast the spray head moves. This is a result of where the **SPEED** knob is rotated to the indicated value on the front panel. Use the **SPRAY LAYDOWN CHAT** located on the top of the Spray Unit.

These spray values are approximate and usually within a +/- tolerance of 2 grams. **ALWAYS TEST YOUR SETTINGS PRIOR TO SELLING A FINISHED GARMENT TO ENSURE YOU HAVE A PROPERLY PRETREATED SHIRT.**

Viper XPT-1000 CLEANING INSTRUCTIONS

OUTSIDE BODY: The outside of the Viper XPT-1000 can be cleaned with Image Armor CLEANING SOLUTION. Wipe away any residue.

SPRAY CHAMBER: The inside of the Viper can be cleaned with warm water and Image Armor CLEANING SOLUTION. Gently wipe down the inside walls, inside of Spray Base system with a lint free cloth.

PLATEN: The platen of the Viper XPT-1000 can be removed and wiped down with Image Armor CLEANING SOLUTION as needed. Wipe away any pre-treatment build up.

STEPS for MAINTENANCE OF Viper XPT-1000

DAILY (Follow these Steps in order as below):

1. First, place the PURGE BOTTLE underneath of the spray nozzle.
2. Press the GREEN "CLEANING" button on the rear of the Viper XPT-1000 Electric for 10-15 seconds.
3. Press the BLUE "WATER" button on the rear of the Viper XPT-1000 Electric for 15-20 seconds.
4. Wipe down any exposed area with CLEANING SOLUTION to remove residual pretreatment.
5. The Viper XPT-1000 is now cleaned out for the daily maintenance. You DO NOT need to remove the spray tip/nozzle if the Daily Maintenance is performed unless it is not spraying evenly or correctly.

BI-WEEKLY (Follow these Steps in order as below):

1. Move the PRETREATMENT FLUID SUPPLY tube from the pretreater by depressing the 'ring' on the quick connect tube hose connection.
2. Disconnect the CLEANING tube as in Step 1 above
3. Firmly Connect the CLEANING TUBE into the PRETREATMENT SUPPLY tube input.
4. Place the PURGE CONTAINER under the spray nozzle.
5. Press the RED PRETREATMENT button for 15 seconds to flush and clean the entire pretreatment line.
6. Disconnect the tube connected to the PRETREATMENT input supply tube.
7. Disconnect the WATER supply tube from the rear of the Viper XPT-1000
8. Connect the WATER Supply tube to the PRETREATMENT Fluid Supply input on the rear of the Viper XPT-1000
9. Press the RED PRETREATMENT button for 15 seconds to flush and clean the entire pretreatment line.
10. Disconnect the tube connected to the PRETREATMENT input supply tube and reconnect to the WATER Fluid Supply input.
11. Reconnect the PRETREATMENT Fluid Supply line to the PRETREATMENT input on the rear of the Viper XPT-1000.
12. Check the filter on the end of each Fluid Supply tube for any debris. Use your finger to wipe off any contaminants.

For more detailed information, videos, and troubleshooting, visit our website at

WWW.VIPERXPT.COM