

VIPER MINI™

Viper MINI QUICK START MANUAL VERSION 1.01

QUICK START GUIDE

THANK YOU!

Thank you for your purchase of an i-Group Technologies Viper MINI DTG Pretreatment Machine. This **Quick Start Guide** will help you get up and running quickly with your new Viper MINI.

STEP 1 *UnBoxing Your Viper MINI*

You'll notice that your Viper MINI is very compact. Within the box you received you will find:

- Viper MINI
- Power Supply
- Fluid Supply Line
- Extra Spray Tip & SPRAY Cup
- 32oz of Image Armor ULTRA pretreatment
- 32 oz of Image Armor LIGHT pretreatment
- 32oz of Image Armor PT Cleaning Solution

STEP 2 *HOOKING IT ALL UP*

Connect the Power Supply and the Fluid Supply IN line to the Viper MINI as seen below. The Power Supply is a screw on connection. Insert firmly and tighten the nut. Insert the fluid line completely and firmly.

CONNECT THE FLUID SUPPLY IN LINE



CONNECT THE ELECTRIC SUPPLY CABLE



STEP 3 *BEFORE SPRAYING BEGIN PLAYING*

Before loading up pretreatment and starting to spray it is BEST to get used to the machine and how it works.

With that said. Let's begin...

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STEP 4 WHAT'S THAT? WHAT DOES IT DO?

The Viper MINI has several components and features you need to understand. They are:



SPRAY ON/OFF BUTTON
Will spray the shirt as long as the button is pressed.

SPRAY NOZZLE HEIGHT ADJUSTMENT KNOB
Set the spray width easily. The lower the spray nozzle, the narrower the spray width. The higher it is set, the wider the spray width.



SPRAY NOZZLE
Easy Quick-Connect and remove nozzle with a half-twist.

DID YOU KNOW?
THE VIPER MINI™ IS PATENT PENDING

STEP 5 PLAY FIRST - NO LIQUIDS

The Viper MINI is easy to use. We recommend that you start playing with it first **WITHOUT ANY FLUIDS**. This way you can get used to how it works and to get the “feel” for how it moves across the shirt.

Grip the Viper MINI with one hand, with your thumb you can depress the **SPRAY** button. You will need to find the “feel” for the amount of pressure to hold the machine into contact with the shirt. Depress the **SPRAY** button and hold it as the MINI moves along the shirt. You would **REMOVE** your thumb from the spray button when **DONE** spraying.

TIP: You DO NOT need to drag the MINI across the garment. just apply enough pressure on the DRIVE WHEEL to allow good contact with the garment. The machine will do the rest - all you need to do is guide the MINI straight down the garment. Use your free hand to hold the shirt to table.



Visit our Website at www.vipermini.com to learn more.

STEP 6 FILLING THE VIPER MINI

To LOAD fluids into the Viper MINI:

- Insert the FLUID line into the water or pretreatment
- Hold the Viper MINI so the drive wheel is NOT in contact with a shirt or the table.
- Hold the SPRAY CUP underneath the spray nozzle.
- Depress the **SPRAY** button until the fluid is complete spraying out the spray nozzle.



STEP 7 SPRAYING A GARMENT

To SPRAY a shirt with Pretreatment:

- Make sure your shirt is completely flat on the table or platen.
- Adjust the **SPRAY HEIGHT** to accommodate the width of spray required & set the **SPEED** to apply the correct amount of pretreatment to the shirt. (See chart to right).
- Position the Viper MINI on the shirt according to where you want the spray to begin spraying. **NOTE: The spray will start several inches in FRONT of the wheels.**
- Depress the **SPRAY** button to begin spraying and the Viper MINI will move along the shirt.
- When the desired spray length is achieved release the **SPRAY** button.
- **CURE** your pretreated shirt & you are ready to print!



PRETREATMENT APPLICATION SETTINGS

To achieve the desired amount of pretreatment based on the **HEIGHT** setting, set the **SPEED** on the controller to these **VALUES**. i.e. if you want 23 g of PT with a spray **HEIGHT** setting of 14" - set speed controller to 40

SPEED	SPRAY NOZZLE HEIGHT SETTING		
	7"	14"	16"
20	90g	45g	40g
30	60g	30g	26g
40	46g	23g	20g
50	36g	18g	16g
60	32g	16g	14g
70	28g	14g	12g
80	24g	12g	10.5g
90	22g	11g	9.5g
100	19g	10g	8g

STEP 8 CLEANING/FLUSHING VIPER MINI

It is required to each day, when you are done pretreating shirts, to flush the pretreatment from your Viper MINI. **Pretreatment if left in the MINI WILL CAUSE DAMAGE AND RENDER YOUR PRETREATMENT MACHINE NON-OPERABLE.**

To CLEAN/FLUSH the Viper MINI:

- Remove the FLUID supply line from the pretreatment container
- Insert the FLUID supply line into a container of warm/hot **CLEAN** Water.
- Repeat STEP 6 above to **FLUSH** all pretreatment from the Viper MINI.

FOR MORE DETAILED INFORMATION & VIDEOS VISIT www.vipermini.com

STEP 9 ADJUSTING SPEED

The Viper MINI will allow a wide range of the amount of pretreatment that can be applied to a garment.

The MINI has a digital interface that will go from 0% to 100% in speed.

HOW ADJUSTING THE SPEED AFFECTS:

- 20% will be the SLOWEST setting & Apply the MOST amount of pretreatment.
- 100% will run the MINI the FASTEST & apply the LEAST amount of pretreatment.
- Refer to the PRETREATMENT APPLICATION SETTING chart on PAGE 3 (bottom right of page) for a correlation of Spray Height & Speed Settings that will result in the amount pretreatment applied to a 14"x14" area.



APPLYING LESS PRETREATMENT

Press this button to increase the display **SPEED %**. This will cause the Viper MINI to move faster - THUS it will apply **LESS** pretreatment the higher this number is set.

APPLYING MORE PRETREATMENT

Press this button to decrease the display **SPEED %**. This will cause the Viper MINI to move slower - THUS it will apply **MORE** pretreatment the lower this number is set. 20% will be the MINIMUM you can set this.

CLEANING & CARE of Viper MINI

- At the end of the day, wipe down any pretreatment that may have gotten onto the body, Height Slide, or wheels of the Viper MINI.
- Make sure to CLEAN the Viper MINI each day with warm/hot water per STEP 6. By REMOVING the FLUID IN line that goes into the pretreatment, you can "FLUSH" the fluid supply line with air, and then with HOT WATER.
- **NEVER LEAVE PRETREATMENT SIT IN THE VIPER MINI.** This will cause irreparable damage and cause the Viper MINI to not perform as intended.
- **NEVER** use anything other than the included soft bristled toothbrush to "clean" the spray tip. Other hard items like toothpicks or needles WILL cause damage to the spray tip and it will not perform as intended.
- **NEVER** leave pretreatment to dry on the spray tip. If you are NOT using the Viper MINI for more than 30 minutes FLUSH with water (See Step 6).
- For additional Tips, Tricks, Cleaning & Care visit our website at www.vipermini.com

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