

NOVATAN



Use and Servicing Manual
HVLP SPRAY TANNING SYSTEM



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*Dear Customer,
Thank you for choosing Novaspray; innovators in HVLP. We are leading the way to create affordable solutions for the Beauty Industry. Our systems are designed and manufactured to guarantee the best performance ever.
Please take a moment to read this booklet and always adhere to our guidelines.
Thank you once again.*

INFORMATION AND USE OF THE MANUAL

This Use and Maintenance Manual is an integral part of the machine and the user must have knowledge of its content. Although the main features of the machine described in this manual are not subject to change. Novaspray reserves the right to change those components, details and accessories it deems necessary to improve the machine or to meet manufacturing or commercial requirements, at any time and without updating this manual immediately.

ALL RIGHTS ARE RESERVED. The reproduction of any part of this manual, in any given form without prior written authorization from Novaspray Pty Ltd is strictly forbidden.

SYMBOLS USED

 Represents the operations which might be dangerous if not performed correctly.

Represents the operations which, in order to avoid risks, must be performed by trained and authorized personnel.

All personnel in charge of using the machine must be thoroughly trained; all the above information must be thoroughly understood and applied.



PACKAGING/STORAGE

To transport the machine, it is packaged in a cardboard box. All components (turbine, hose, gun etc.) are placed with the machine in the same cardboard box. When storing the machine, make sure the surrounding temperature remains between 15-40C and humidity remains between 30 and 80%.



INSPECTION OF PURCHASED PRODUCT

The original configuration of the tanning machine cannot be changed at all. Original Novaspray accessories and spare parts comply with safety regulations. When receiving your machine check that:

The package is intact and without damage.

All the documentation necessary is present for Use & Maintenance

In case of damage inform reseller.

The blowing unit (turbine) is delivered with the following standard components:

- 1 x HVLP Spray Gun
- 1 x 3 mtrs flexible air hose
- 1 x Spray Tip (inside gun)
- 1 x Spanner (inside gun pot)
- 1 x Use & Maintenance Manual

Machine Description

Tanning System designed to supply low pressure air volume. HVLP is designed to reduce "overspray" which in turn saves money, your health and our precious environment.

Technical Features

The blowing unit (turbine) is fed by a single phase electric voltage 240v/60 htz. The fan coupled motor generates an air flow which reaches the gun and atomizes the solution.

The high volume at low pressure provides the atomization of the product being sprayed at a very low pressure hence the bounce back is greatly reduced. The turbine also produces warm and dry air providing a faster drying finish. All components are of high quality and purpose made.

Solutions & Adequate Products

In order to obtain products with good features of mechanical resistance and resistance to the atmospheric agents, it is necessary to follow the advice established by the manufacturer of the covering solutions.

Therefore, prepare the products to be used following the manufacturer's instructions.

DANGEROUS AND IMPROPER USES

Using the unit in a different way than indicated by the manufacturer could damage the equipment and endanger the operator. The unit is not designed to use with dangerous, explosive and/or toxic materials and herbicides.

Novaspray is not responsible for any accident derived from the use of the machine.

SAFETY REGULATIONS

Warning! Respect the following safety regulations for the use of electric tools in order to protect yourself against electric shock, dangerous lesions or fire.

Consider your working environment:

Do not expose your Sprayer to rain and do not use in a moist or wet environment;

Always provide good lighting;

Do not use electric tools in areas with risk of fire, near liquids or inflammable gases;

Do not work in closed environments without adequate ventilation and air flow;

Protect yourself against electric shock:

Avoid contact with grounded components such as fridges, heaters, etc);

Do not transport your Sprayer when it is connected to electricity;

Keep your Sprayer in a safe place:

Your Sprayer must be kept in a dry and sheltered place;

Keep out of reach of children;



Do not use the cable for anything other than plugging in;

Do not move/drag your Sprayer by its cable and do not extract the plug by pulling the cable;

Protect the cable against oil, acids, heat sources, water, sharp edges etc.

Take care of your Sprayer:

Keep your Sprayer clean and efficient by following the use and maintenance instructions;

Check the plug, cable and switch periodically and in case of damage, have it repaired by a qualified electrician or Nova Technician;

Never force the hose from the turbine or gun. Do not move/drag your sprayer by its hose. Always pick it up to move or relocate it.

Doing this will prolong the life of your Sprayer.

▲ SAFETY REGULATIONS TO FOLLOW DURING USE

- ▲** The Sprayer cannot be used in explosion-prone areas; Incendiary sources such as free flames, cigarette smoking, sparks, incandescent wires and overheated surfaces must not be present in the environment during use;
 - ▲** Be certain solvents and or substances evaporating during use ARE NOT sucked up by the system;
 - ▲** Make certain your working area is well ventilated during use;
 - ▲** During use, always place the system behind the operator and never direct the jet in the direction of the sprayer itself;
 - ▲** Operators must wear suitable clothing protection (mask, gloves, clothing);
 - ⚡** Use only **Novaspray** original spare parts;
 - ⚡** Possibly damaged systems must be repaired only by an authorized **Novaspray** Repair Centre;
- Warranty void if these instructions are not adhered to;

Novaspray declines all responsibility in case of users not observing safety guidelines. Furthermore, **Novaspray** is not responsible for any kind of negligence when using the equipment.

INSTALLATION

- 1) Using the plastic connection, connect the hose to the turbine side by making it turn clockwise without force.
- 2) Connect the power plug and press the main switch. Turn on the machine without gun to blow out any debris and testing airflow.

THE HVLP GUN

The HVLP Gun can be adjusted two ways and consists of 3 parts;

- 1) **The Flow Control Knob**; adjusts the amount of product sprayed thru the nozzle. It is important to practice to find the right setting before you begin.

Hint Turn the Flow

Control Knob to:

"-" Less Solution

"+" More Solution



2) **The Spray Nozzle;** adjusts the fan spray pattern of the solution. It should be set to spray either horizontal (A) or vertical (B). To change the spray pattern, slightly loosen the adjustment ring, turn nozzle to desired position and retighten ring.

Fig. 3



A B
A = set at (A) produces a horizontal pattern
B = set at (B) produces a vertical pattern

Hint We recommend that you spray one coat with one pattern and then switch to the next pattern.

3) **The Solution Container;**

Rinse before and after each use with clear warm water. Clean thoroughly once a week with a solution of windex or alcohol. The container holds enough solution to spray several people. The container screws into the gun tightly. If container leaks whilst spraying it has not been screwed tightly enough. Fill gun with tanning solution and screw the pot tight to seal.

HVLP TURBINE

Your Turbine is equipped with 3 Fan Settings and a Heat Setting. We recommend spraying at a high speed with the heat setting however, products/situations vary and may require less or more air. To adjust the airflow simply turn the fan speed fan to your preferred setting. Please note the turbine is equipped with a safety cutoff switch and will turn off automatically in case left unattended. It can easily switched back on by pressing the "on" button.

GETTING IT RIGHT

To find the optimal setting for the Flow Control Knob first set the knob so that only AIR is coming from the gun. Then, slowly turn the knob "+" to start the flow of spray. Each turn, test the spray on a white sheet or towel to check the amount of solution spraying from the nozzle. Keep doing this until you have a very fine even mist and a light tan colour on your towel.

BEFORE YOU SPRAY

When spraying on a regular basis you will find particles of the tanning solution float into the air and settle on surfaces within your spray area. This is known as "over spray". You may chose to invest in a high tech spray booth or a Novaspray Tanning Tent. Please refer to our safety guidelines before you begin to spray.

PRE-SPRAY CHECKLIST

Please ensure product AND equipment instructions have been read. Also ensure you have practiced several times BEFORE spraying Clients.

- Ensure Client fills out a client information card and disclaimer form.
- Refer to your Solution Suppliers list of recommendations and safety guidelines.
- Advise Client to wear nailpolish on finger and toenails or offer barrier cream. Barrier Cream (or Vaseline) should also be used on the palms and soles of feet.
- Ensure Client has shaved where tanning solution is to be applied.
- Ensure Client has exfoliated and free of any moisturizer, perfume, deodorant.
- Ensure all jewelry is removed.
- Secure long hair into a ponytail or offer a cap.
- Offer a mask and towel to Client.
- Spray only in a well ventilated area.
- Ensure client stands on a towel to absorb any "over spray".
- Take your time.

APPLICATION INSTRUCTIONS

Hint Preheat machine by running it for a few minutes. This will take the "chill" out of the spray.

Before each and every spray test the amount of solution coming from the nozzle. Adjust your gun accordingly. Always spray one section of the body at a time.

Set the Spray Nozzle to spray vertical (Spray Pattern B). Start by spraying in horizontal strips for the first coat. Ensure that the adjustment ring is screwed down tightly.

Back First

- Hold the gun in a straight, upward position, do not tilt upwards or downwards.
- Hold the gun 6—10 inches away from the body.
- Start at the top of the shoulders and work down to the ankles.
- Ask client to bend slightly to avoid "smilies" under the buttocks.
- Do not start and stop the spray directly on the client's body. Aim the gun away from the body before pulling the trigger.

Hint Less is more with the Nova System. A finer spray with 2 coats is better than one wet coat!

- Always move in the opposite direction of the spray pattern. Eg; if your spray pattern is vertical, move in a horizontal motion. If your spray pattern is horizontal, move in a vertical motion.
- Spray quickly in an even, straight, sweeping motion with a flexible wrist.
- Do not linger on any area of the body for too long; this will deposit excess solution onto the skin. If this should happen, dab off with a soft cloth and respray lightly.
- At the end of each body section spray slightly past the body before releasing the trigger.

SIDES NEXT

- Have the client stand sideways, arms lowered and face turned to the other side. Spray down the whole side of the body.
- Ask the Client to raise their arm straight up and spray down the arm and body again; avoiding armpit area as residue from deodorant may discolour the skin.
- Avoid spraying the hands at this point.
- Repeat process on other side.

FRONT

- Have Client look up while you begin to spray from the neck down.
- Spray all the way down the body.
- Avoid spraying the feet at this point.
- At the bottom of the legs, ask the client to step out into a “lunge” position; spray inner thigh.
- Repeat for other leg.
- Have client lift breasts to spray underneath.

SECOND APPLICATION

- Repeat the previous steps except this time you are spraying in vertical strips up and down the body.
- Ask client to slowly turn around while spraying the legs with a third coat. At this point, adjust nozzle to position (A) to create a horizontal spray pattern, ensuring that the adjustment ring is screwed firmly.

FACE

- Ensure the Client closes their mouth and eyes.
- Ask the Client to relax their face and not to squint.
- Ask the Client to hold their breath for 3 seconds.
- Spray lightly from side to side rounding the face in an even manner.
- Spray 2 light coats onto face.

HANDS AND FEET

- Ask the Client to hold one arm out in front and strength hands & open fingers.
- Spray down the arm with a quick pass to the fingers, pulling the gun away as you finish.
- It is best to give the feet a quick “spritz” if anything; feet will most likely have picked up sufficient overspray to get a good colour.

Hint You may “dry off” client with the turbine if the Client feels cold or sticky.

Turn off machine when finished.

FINAL STEPS

If Client feels any stickiness you may use a fat makeup brush dipped in “cornstarch based” baby powder and lightly dab sticky areas. DO NOT use talcum powder.

Remind the Client the following:

- It will take a few hours for the tan to “set”. Do not shower, bathe or sweat continuously for at least 8 hours. Wear loose clothing & avoid jewelry. Tan usually doesn’t take where skin meets skin.
- Do not sit on or wear light coloured fabric.
- It is normal for the solution to “wash off” during the first shower.
- Moisturizer and/or tan extender should be used daily.

CARE AND MAINTENANCE OF YOUR NOVATAN SYSTEM

It is extremely important to keep your equipment clean.

1. Hold the gun over the sink as you loosen the container from the gun.
2. Press the gun trigger so that any leftover solution runs back into the gun.
3. Pour excess solution into a clean container for use the next day; not into your original solution bottle.
4. Rinse the container thoroughly with warm water.
5. Unscrew the nozzle from the gun and rinse both the gun and nozzle.
6. Shake the gun until all the solution has run out.
7. Fill the container with clean warm water.
8. Attach the container and the nozzle back to the gun.
9. Turn the machine and spray all of the water in the container through the gun.
10. Do not use any cleaners or chemicals in the gun. Alcohol or Windex mixed with water is acceptable for thorough cleaning periodically.
11. Should you experience problems with your Novatan System, call your Supplier or an authorized Novaspray Repair Agent.

TROUBLESHOOTING

 Problem	Probable Cause	Solution
 Turbine doesn't start	-There is no current -Turbine switch, cable plug are damaged	-The plug is not connected -Check switch, cable & plug -Call the Novaspray Tech Centre
 Air flow is too high/and or low	-Fan Speed too High/Low -Air Hose is damaged -Air Hose has not been installed correctly Flow Control Knob requires Adjustment	-Adjust Fan Speed -Call the Novaspray Tech Centre -Check Air Hose Fitting Adjust Flow Control Knob
 Turbine Makes Noise	-The motor is damaged	-Call the Novaspray Tech Centre

WARRANTY

Novaspray systems are guaranteed for a period of one year from the date of invoice.

The warranty covers all manufacturing faults and material defects. Warranty does not include wearing items such as hose, spray tips and filters. Replacements and repair operations are covered only if carried out by our company or an approved Service Centre. The warranty does not include freight or labour costs. Warranty does not include direct or indirect damage, damage or harm caused to property or people and repairs carried out by the owner or by a third party. This warranty is not transferable.

The following are not covered by warranty:

Failure caused by incorrect use or assembly.

Failure caused by external agents.

Failure caused by lack of maintenance or negligence.

Freight to or from our Service Centre.

Labour costs incurred by Repair or Maintenance.

WARRANTY FORFEITURE

Your warranty form must be completed and returned.

In case of delayed payment or other contract defaults.

When changes or repairs are carried out without prior Authorization.

When the unit is dismantled, tampered or repaired by an unauthorized person.

When damage is caused by improper use, is dropped, falls, or bumped by other causes not due to normal working conditions.

AUTHORISED SERVICE CENTRES

- SA:** Novaspray Pty Ltd
33 Starr Avenue, **North Plympton** SA 5038
Phone: (08) 8376 4888 Fax: (08) 8376 6311
- VIC:** Access Spray Equipment
5/65-69 Kyle Road, **Altona North** VIC 3025
Phone: (03) 9391 5888 Fax: (03) 9391 5877
- Sprayworld
1331 North Road, **Huntingdale** VIC 3166
Phone: (03) 9562 6533 Fax: (03) 9543 2345
- WA:** All Spray Equipment
270 Welshpool Road, **Welshpool** WA 6106
Phone: (08) 9358 1313 Fax: (08) 9358 1081
- NSW:** The Chameleon
50 Harper Res, **Sth Windsor** NSW 2756
Phone: 0404 677789
- Spray Equipment Mobile Service
PO Box 735 **Moorebank** NSW 1875
Phone: (02) 9822 4011 Mobile: 0417 669 282
- QLD:** Airless Spray Equipment
36 Aquarium Avenue, **Hemmant** QLD 4174
Phone: (07) 33908199
- AusWater Blasters
9 Deebing Street, **Ipswich West** QLD 5305
Phone: (07) 3812 1112 Fax: (07) 3812 1115
- Brizpray
19 Robyn Street, **Chapel Hill** QLD 4069
Phone: (07) 3720 2763 Fax: (07) 3378 7286
- J & SK Engineering
18 Platypus Street, **Wamuran** QLD QLD 4512
Phone: (07) 549 66919
- Yahoo Spraybooth Services
4/6 Sydal Street, **Caloundra** QLD 4551
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