

USER MANUAL

TAN TURBINES

salonTAN™ Series

studioTAN™ Series

soloTAN™ Series

APPLICATORS

T-PRO 4200

FT-5

TAN 7350

Thank you for purchasing your Fuji Spray Sunless spray tanning system.

This product has been designed to provide the efficient application of tanning solution products. Please read this user manual to understand how to operate your spray tanning system and to accomplish a flawless tan with every application.

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APPLICATOR DETAILS - BOX CONTENTS

The below are “bleeder” style applicators. Air will continuously flow out of the front of the applicator as soon as the turbine is turned on.

T-PRO 4200 BOTTOM FEED

1. T-PRO 4200 Bottom Feed Applicator installed with 0.8mm Air Cap Set and 250cc Cup
2. Extra 2 Duck Bills and 1 Pressure Tube
3. User Manual, Cleaning Brush and Wrench

FT-5 APPLICATOR

1. FT-5 Applicator installed with 0.8mm Air Cap Set and 150cc Cup
2. 250cc Cup
3. 2 Extended Fluid Pick-Up Tubes
4. 2 Cup Lids
5. Optional Hook for hanging & storage
6. Velvet Accessory Bag (including inside: Quick Start Guide, User Manual, 2 Extra Duck Bills, Cleaning Brush and Wrench)

TAN 7350 BOTTOM FEED

1. TAN 7350 Bottom Feed Applicator installed with 0.8mm Air Cap Set and 250cc Cup
2. User Manual, Cleaning Brush and Wrench

If you purchased your applicator as part of a Fuji Spray Sunless system, the box will also include:

1. Turbine (soloTAN™, studioTAN™ or salonTAN™) with Power Cord
2. 10ft Air Hose
3. Cup Holder (applies to studioTAN™ and salonTAN™)

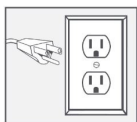
SAFETY PRECAUTIONS

Please read these instructions carefully before using the equipment.



Grounding

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



This appliance is for use on a nominal 120-volt circuit and has grounding attachment plug that looks like the plug illustrated. Make sure that the appliance is connected to an outlet having the same configuration as the plug.

Please note: For UK, Australia, Asia etc. your voltage will be 220-240v. Check the label on the base of the turbine to ensure your unit is at the correct voltage for your location.



Electric Shock Hazard

Improper connection of the equipment grounding conductor can result in the risk of electric shock.

- Check with a qualified electrician or service-person if you are in doubt as to whether the outlet is properly grounded.
- Use only a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that accepts the plug on the product.
- An undersized cord results in a drop in line voltage and loss of power and overheating.
- Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- To reduce the risk of electric shock or injury, do not expose to rain.
- Never allow unit to freeze.
- Always store the unit inside in a dry location. Store on the floor if in a basement setting.
- The operator must wear shoes and the floor must not be wet.



Toxic Fluid or Fumes Hazard

Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.

- Always wear appropriate gloves and eye protection.
- Always wear a mask. Read all instructions of the respirator or mask to ensure that it will provide the necessary protection against the inhalation of harmful vapors. Please also check with the local jurisdiction.
- Tanning solution and other materials may be harmful if inhaled.



Fire and Explosion Hazard

Turbine must not be used in an area contaminated by volatile or flammable materials since sparking can be expected in the normal operation of the motor. This could ignite the contaminants causing a dangerous explosion.

- Do not spray flammable or combustible materials near an open flame or sources of ignition such as cigarettes, motors, and electrical equipment.
- Keep spray area well-ventilated. Keep a good supply of fresh air moving through the area. Keep turbine in a well-ventilated area. Do not spray turbine.
- Do not smoke in the spray area.
- Do not operate light switches, engines, or similar spark producing products in the spray area.
- Keep area clean and free of flammable materials.
- Fire extinguisher equipment shall be present and working.
- Turn off and disconnect power cord before servicing equipment.
- Ensure ground prongs are intact on sprayer and extension cords.
- Never use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in equipment with aluminum wetted parts. Such use could result in a serious chemical reaction, with the possibility of explosion. Consult your fluid suppliers to ensure that the fluids being used are compatible with aluminum parts.



Equipment Misuse Hazard

Misuse of equipment can cause serious injury or death.

- Do not operate or spray near children. Keep children away from equipment at all times.
- Do not overreach or stand on an unstable support. Keep effective footing and balance at all times.
- Stay alert and watch what you are doing.
- Do not operate the unit when fatigued or under the influence of drugs or alcohol.
- Do not kink or over-bend the hose.
- Do not use the hose as a strength member to pull or lift the equipment.
- Do not cover turbine case as this will restrict air to the intake and result to overheating and premature failure of the motor.
- Do not carry turbine while spraying.
- Check the hose, hose connectors and power cord daily. Any worn or damaged parts should be replaced immediately.
- Use only genuine Fuji Spray replacement parts.
- Ensure turbine is located on the ground during operation to prevent unnecessary overheating. Do not operate turbine on any raised surface.
- Under no circumstances should you open the turbine case. Except for filter cleaning or filter replacement, there is NO maintenance required for the turbine unit. If there is any malfunction, unplug the unit and call us for technical assistance.

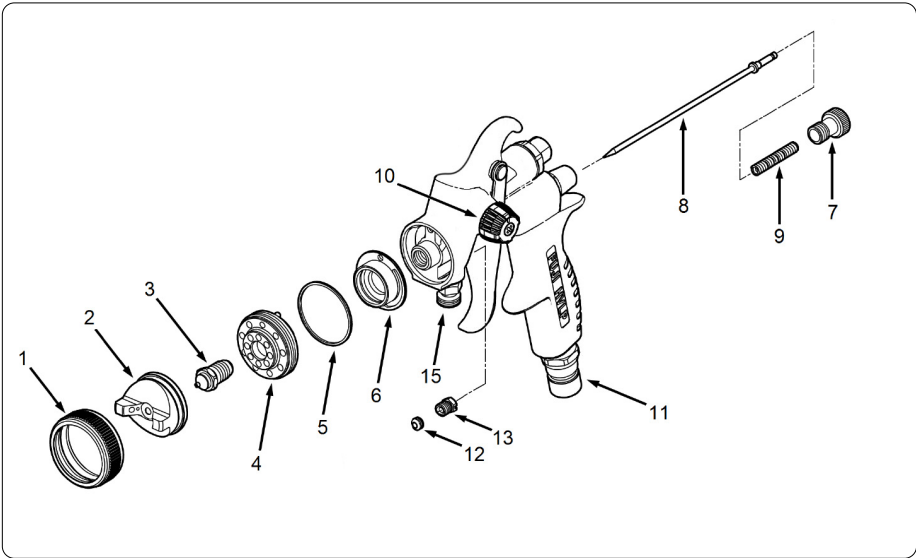
CA PROP
65

PROP 65 WARNING FOR CALIFORNIA RESIDENTS

WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

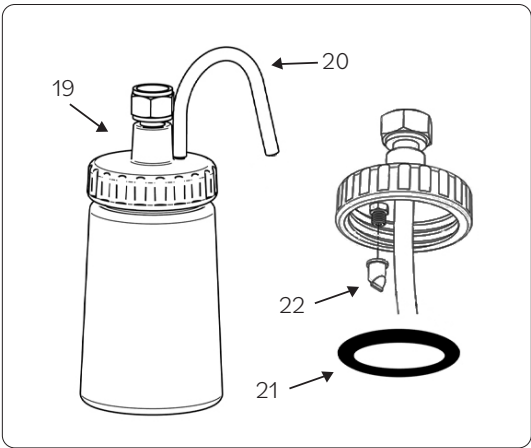
APPLICATOR DIAGRAMS

T-PRO 4200 Applicator



T-PRO 4200 Applicator

Bottom Feed Cup

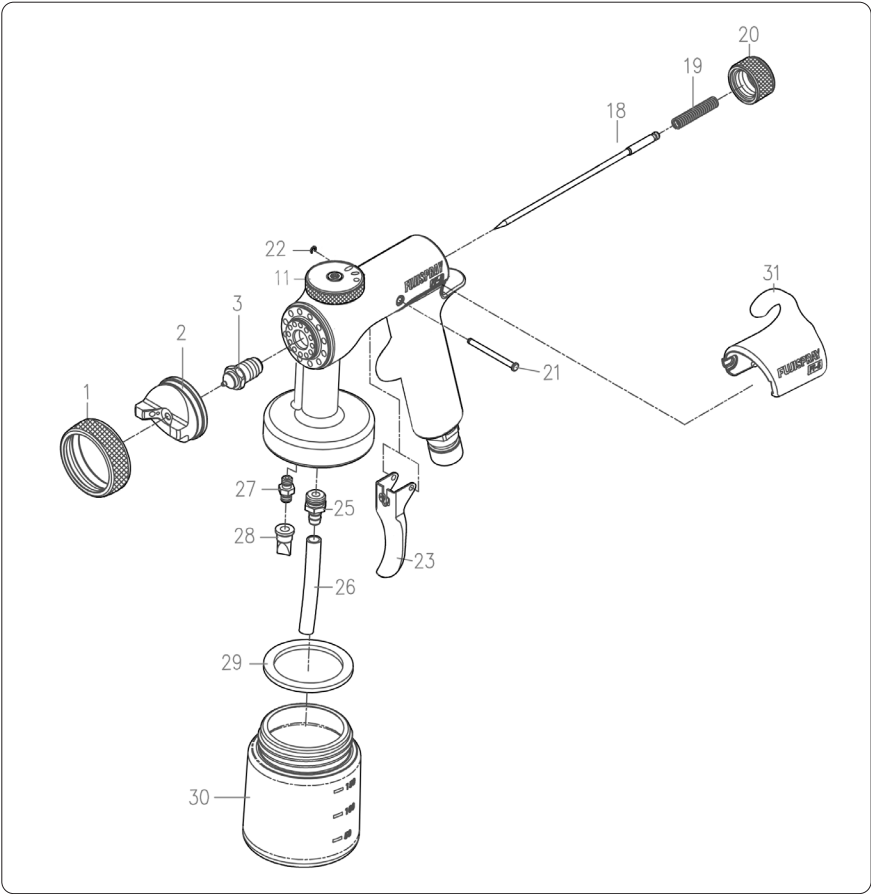


Item	Part	Name	Note
1	5201	Collar	
2	5302	Air Cap	
3	5303	Fluid Nozzle	
4	5204	Air Diffuser	
5	5205	Air Diffuser Seal	
6	5207	Air Divider with Seal (5206)	
7	5221	Fluid Knob	
8	5219	Needle	
9	5220	Needle Spring	
10	5225	Fan Pattern Control Knob	
11	5229	Hose Connector	*
12	5209	Needle Packing	
13	5210	Needle Packing Nut	
15	5208	Fluid Coupler	*
16	8088	Cup Lid	
17	8181ST	Gasket	
18	8245T	3oz Teflon Gravity Cup	
19	9823DB	Cup Assembly	
20	2025	Pressure Tube	
21	8201ST	Lid Gasket	
22	5120	Duck Bill	

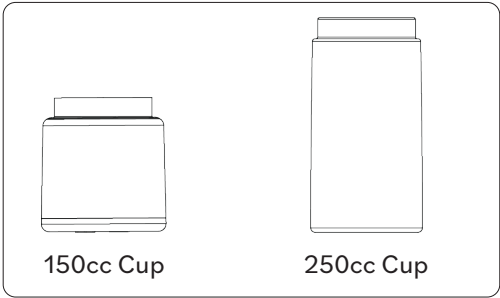
NOTE

(*) Part not to be removed

FT-5 Applicator



Cup Sizes



The FT-5 Applicator comes with 2 cup sizes. To change to a different cup size, please refer to the instructions on page 14.

Item	Part	Name	Note
1	7601	Collar	
2	7602	Air Cap	
3	7603	Fluid Nozzle	
4	7604	Air Diffuser	
5	7605	Air Divider	
6	7606	Needle Packing Nut	
7	7607	Needle Packing	
8	7608	Needle Packing Spring	
10	7610	Pattern Control Locking Screw	*
11	7611	Pattern Control Knob	*
12	7612	Pattern Control Retaining Clip	*
13	7613	Air Deflector	*
15	7615	Fluid Screw Nut Cover	*
16	7616	Fluid Screw Nut	*
17	7617	Spindle Valve Bushing	*
18	7618	Needle	
19	7619	Needle Spring	
20	7620	Fluid Knob	
21	7621	Trigger Pin	*
22	7622	Retaining Ring	*
23	7623	Trigger	*
24	7624	Handle Tube	*
25	7625	Pick Up Tube Nipple	*
26	9808	Pick Up Tube	
27	7627	Duck Bill Nipple	*
28	5120	Duck Bill	
29	8201ST	Cup Gasket	
30	9805	Cup	
31	7631	Hook Attachment	

NOTE

(*) Part not to be removed

Item	Part	Name	Note
1	2301	Collar	
2	2302	Air Cap	
3	2306	Fluid Nozzle	
4	2304	90 Degree Nipple	*
5	2303	Diffuser	
6	2338A	Pattern Control Knob	*
7	2307	Fluid Knob	
8	2314	Needle Assembly	
9	2309	Needle Spring	
10	2310	Handle	
11	2311	Hose Connector	*
12	2312	Needle Packing	*
13	2313	Needle Packing Nut	*
14	2330	Trigger Pin	*
15	2315	Trigger	*
16	2316	Fluid Coupler	*
17	9823DB	Cup Assembly	
18	2025	Pressure Tube	
19	8201ST	Cup Lid Gasket	
20	5120	Duck Bill	

NOTE

(*) Part not to be removed

GETTING STARTED

Hose Connection

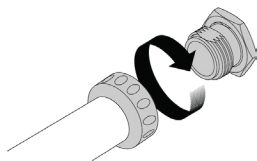


Figure 1. Connect the air hose to the air outlet on the turbine.

Connect the end of the hose (female connector) to the turbine air outlet located on the front of the turbine. This is a simple threaded connector.

Hand-tight is enough – it is not necessary to use a wrench. This must not be over tightened.

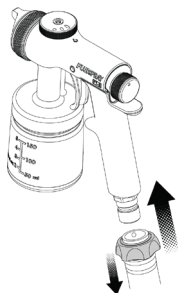


Figure 2. Connect the air hose to the air outlet on the turbine.

The hose is equipped with a quick-connect coupler for easy attachment to the applicator. To attach the applicator to the hose, slide back the collar on the quick-connect coupler (see Figure 2).

Insert the male fitting at the base of the handle on the applicator into this quick-connect and release the collar. You should feel the fitting click into place.

Flush Applicator

To flush out any debris that may have accumulated during assembly or shipping, we recommend spraying a small quantity of water through the applicator. Before giving a spray tan with your applicator for the first time, we suggest you experiment with plain water until you become familiar with all the controls. (See Section “Applicator Use”)

Turbine Breaker Switch

The turbine has been designed and built with a breaker switch. This essential component will switch the turbine off in the event that there is overheating or electrical malfunction. To avoid overheating, ALWAYS ensure that filter(s) are in place and clean, and that the air hose is NEVER kinked.

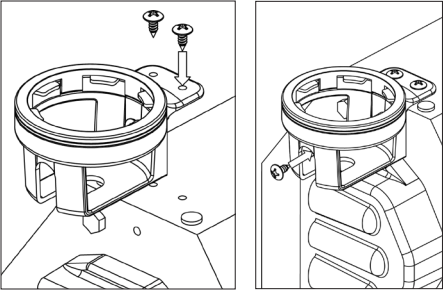
For Information on checking and cleaning turbine filters, refer to pages 16-17.



It is normal for the turbine air outlet (manifold) to become hot during use, please allow your turbine to cool for a few minutes before removing the hose from the turbine manifold.

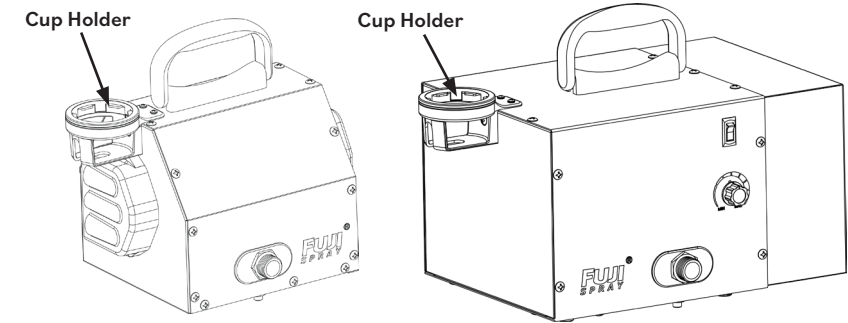
CUP HOLDER INSTALLATION

studioTAN™ and salonTAN™ Cup Holder Attachment

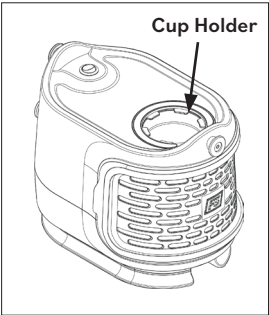


The two holes on the top of the cup holder require the black screws and washers included with this hardware. These screws fit into threaded inserts in the metal case. Do not over-tighten.

The single silver-colored screw must be installed to the single side hole of the cup holder. Do not over-tighten.



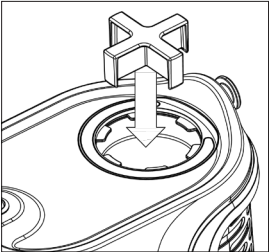
soloTAN™



Built-In Cup Holder (For 250cc Cup)

The soloTAN™ turbine conveniently has a built-in cup holder on the top of the machine. The slot will securely house the 250cc cup with applicator when not in use.

Transporting the turbine unit with the applicator in the slot is not advised.



Cup Riser Insert (For FT-5 Applicator with 150cc Cup)

When using the FT-5 Applicator 150cc cup, a Cup Riser Insert (Part #7444, sold separately) can be placed into the soloTAN™'s cup holder to help the smaller cup sit properly. Insert the riser as seen in Figure 3.

Transporting the turbine unit with the applicator in the slot is not advised.

Figure 3. Place the Cup Riser Insert into the soloTAN™ cup

APPLICATOR USE

FT-5 Applicator Features

Selecting a Cup Size

The FT-5 Applicator comes with 2 cup sizes:



150cc Cup

This cup is pre-installed on the FT-5 Applicator. It is ideal for smaller tanning sessions for 1-2 tans.



250cc Cup

This cup is included with the FT-5 Applicator. It is ideal for larger tanning sessions for 3-4 tans.

Installing A Different Cup Size

To install a different cup size, you must also install the appropriate length of fluid pick-up tube.

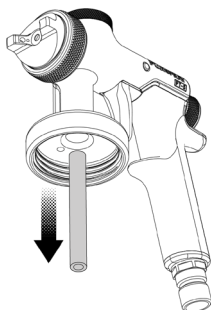


Figure 4. Pull to remove the installed pick-up tube.

Remove the Current Fluid Pick-Up Tube

Before changing out the cup size, make sure the applicator is clean and dry.

Unscrew the current cup attached to the FT-5 applicator (turn it counter-clockwise).

Firmly pull on the fluid pick-up tube as seen in Figure 4. There will be a small amount of resistance and a small popping sound as the tube is removed.

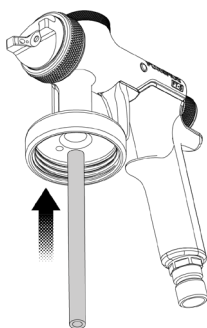


Figure 5. Push in the new pick-up tube.

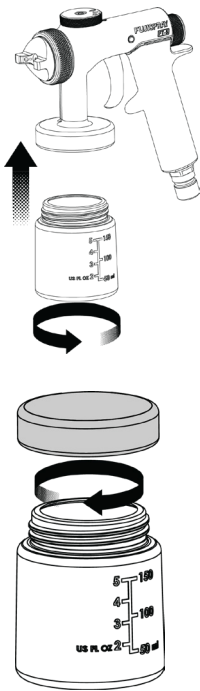
Install the Desired Fluid Pick-Up Tube

Select the correct length pick-up tube for your desired cup size.

The 150cc cup uses the short pick-up tube, and the 250cc cup uses the long pick-up tube.

Insert the pick-up tube onto the barbed fitting on the inside lid of the cup assembly where the previous pick-up tube was installed. Firmly push the tube onto the barbed fitting until securely in place, as seen in Figure 5.

Cup Removal and Lids



Removing and Attaching Cup

To remove the cup, hold it firmly and turn it counter-clockwise. If fluid is in the cup, it is best to do this on a flat surface to avoid spilling.

Remember not to fill the cup past the fill line as indicated.

To reattach the cup, turn the cup clockwise until tight and properly sealed.

Lid Use

The FT-5 Applicator Kit also comes with 2 lids that can be used to store excess tanning solution.

When storing extra solution, make sure it is stored according to the instructions on the solution’s packaging so its quality is maintained.

Do not leave tanning solution in the cup overnight while still attached to the applicator

Hook Accessory

The FT-5 Applicator comes with an optional hook accessory to hang the applicator.

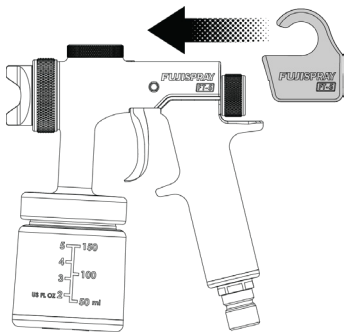


Figure 6. Slide the hook on the back of the applicator.

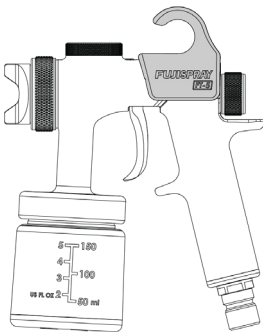


Figure 7. Ensure the hook is firmly attached.

Attaching the Hook

To attach the hook, place it at the back of the FT-5 applicator as seen in Figure 6. The hook should be vertical with the opening facing the tip of the applicator. Line up the small rails on the hook with the indents on the applicator, and push the hook on until it is secure as seen in Figure 7.

Spray Patterns

Choosing A Pattern

The pattern orientation can be adjusted by changing the angle of the air cap. A spray pattern width can be chosen by adjusting the pattern control.



This pattern is used when spraying side to side.



This pattern is used when spraying up and down. (Recommended)

To change the air cap angle, loosen the collar (#1) and turn the air cap (#2) to the desired position. To lock it in position, tighten the collar. Always make sure the collar is snug tight. Do not over-tighten.

Elliptical Pattern

A wide horizontal spray pattern that will cover large areas. Optimal for spray tanning.

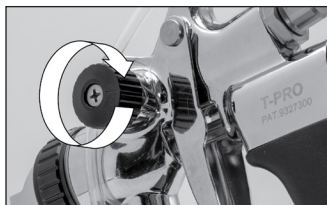
Oval Pattern

A narrower pattern to focus spray on limbs with less overspray.

Round Pattern

A circular pattern to concentrate your spray. Use the applicator close to the body for contouring darker lines.

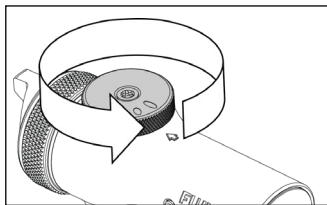
Spray Pattern Controls



T-PRO 4200

The fan pattern control knob (#10) is located on the front-right side of the applicator.

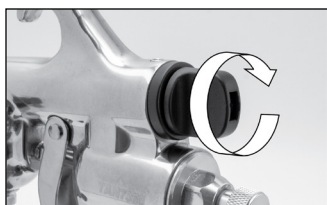
To produce a wide fan pattern, turn pattern control knob clockwise. For a smaller fan pattern, turn counter-clockwise.



FT-5

The fan pattern control knob (#11) can be found on top of the applicator.

To produce a wide fan pattern, turn pattern control knob clockwise. For a narrow fan pattern, turn counter-clockwise.



TAN 7350

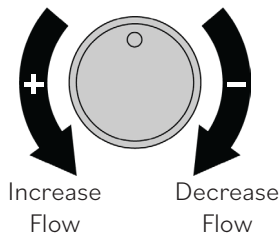
The fan pattern control knob (#6) is located on the rear of the applicator.

To produce a wide fan pattern, position the pattern control knob vertically. For a smaller fan pattern, position horizontally.

Fluid Output

Selecting The Fluid Output

The rear dial on all of the applicators is the fluid control. This setting will allow you to change how much tanning solution comes out of the applicator when the trigger is fully pressed.



To adjust the fluid output, turn the fluid control knob on the rear of the applicator. Turning clockwise will decrease the amount of fluid that can come out of the nozzle when pulling the trigger, and turning it counter-clockwise will increase it.

Fluid Controls

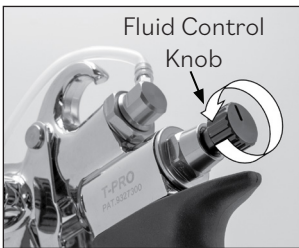


Figure 8. T-PRO 4200 Applicator Fluid Control Knob

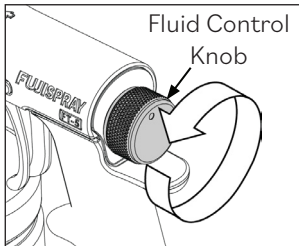


Figure 9. FT-5 Applicator Fluid Control Knob



Figure 10. TAN 7350 Applicator Fluid Control Knob

To set the fluid output, turn the fluid knob clockwise until you cannot pull the trigger. **DO NOT** over-tighten this fluid knob as this will cause damage to the end of the needle.

Begin turning the dial counter-clockwise until a small amount of solution is released from the nozzle when you press the trigger.

Once you set the solution to your liking, you can leave it in this position.

Additional Tips

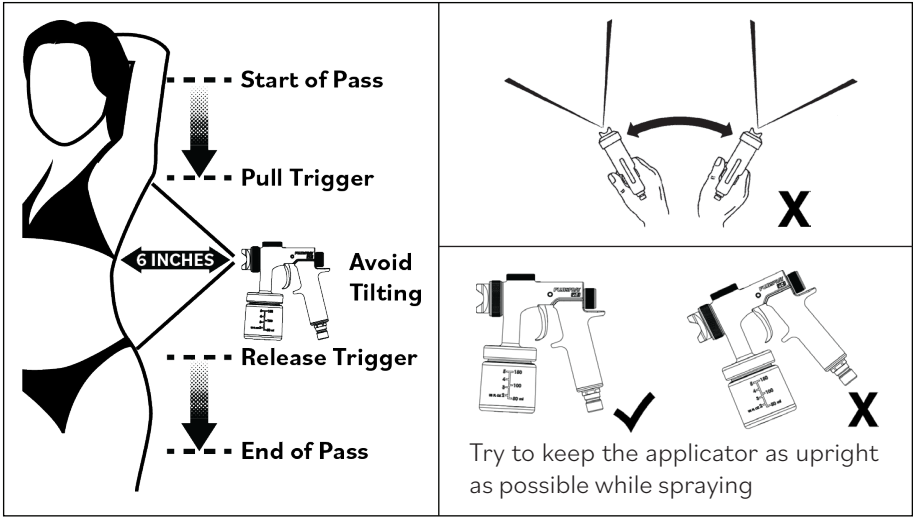
If you turn the fan pattern to a round spray pattern, you will have to reduce the amount of tanning solution by turning the fluid control knob.

If you do not do this, you may get runs. You can use this much smaller pattern to “touch up” areas such as bikini strap lines or to enhance certain areas such as the abdominals. For best results, hold the applicator closer to your subject (as close as 1 inch or less).

SPRAYING TECHNIQUE

When spraying, move the applicator at a medium, steady speed, keeping the distance of the applicator the same throughout the spray application.

If you wish to change the direction of the spray pattern, rotate the position of the aircap (see page 16) rather than tilting the applicator to its side.



Start moving the applicator in the direction you are going to spray before pressing the trigger.

The trigger must be pulled immediately after you begin to move. Never start spraying without having your hand in motion. Overlap each successive pass by about one third the size of the spray pattern (2 inches). This will result in even coverage.

Always keep the applicator perpendicular to the person you are spraying. For spray tanning, the horizontal spray pattern will give the best results, reduce overspray and shorten spraying time. Always use vertical passes to make it easy on your spraying technique.

For spray tanning, the general setting creates a pattern about 4 inches wide from 6 inches away. Adjust the distance closer to get a smaller spray pattern and a higher concentration of solution.

After use, never lay the applicator on its side – liquid will run out of the pressure tube (for bottom feed model) or air cap (FT-5 model). Instead, use the cup holder.

CLEANING AND MAINTENANCE

Basic Applicator Cleaning

Tanning solution should not be left in the cup attached to the applicator overnight. It can dry and harden, leaving a film throughout the applicator's fluid passages. Over time, the fluid passages can become clogged.

To prevent this, spray soapy water through the applicator periodically. Always keep the applicator clean and dry for next spray. It is important to clean the applicator after each day of use.

1. Unscrew the solution cup from the applicator body.
2. Pour any unused tanning solution into storage container.
3. Rinse the solution cup and then fill it with clean warm water.
4. Re-attach the solution cup to the applicator body. Without removing it, turn the fluid knob counter-clockwise (this will allow you to pull back the trigger all the way).
5. Connect hose to applicator and switch turbine on.
6. Simply pull the trigger back and aim the spray of water into a container, sink or rag. Repeat once more if necessary.
7. Use a wet rag to wipe off any solution on the applicator or cup.
8. Always ensure you are storing solution in a cup with the separately provided lids, and not in the cup attached to the applicator. Follow any storing instructions provided with the solution.

This is all that is needed to keep the applicator clean and ready for use.

For extra cleaning, add a small drop of dish washing liquid on the first flush, but always follow this by flushing with clean water. NEVER use any abrasive cleaning material like steel wool or any solvent to clean the applicator.



Cleaning Video

For more thorough cleaning steps, please refer to the Fuji Spray Sunless applicator cleaning video by scanning the QR Code.

Advanced Applicator Cleaning

Do not soak the whole applicator in any liquid. This is never necessary or advisable.

FT-5 Applicator

FOLLOW THESE STEPS AT THE END OF EACH DAY TO KEEP YOUR APPLICATOR WORKING AT PEAK PERFORMANCE.

STEP 1



EMPTY, WIPE & REFILL

Empty all solution from the cup and wipe inside with a damp rag. Fill the cup with water and reattach to the applicator.

STEP 2



FLUSH & INSPECT

Connect your turbine and spray into a bucket until the water runs clear. Inspect the pressure tube and air passages.

STEP 3



DISASSEMBLE

Remove the fluid control knob, needle spring, and needle from the back. Remove the collar and air cap from the front. Loosen and remove the fluid nozzle with a wrench.

STEP 4



SOAK & SCRUB

Place the needle, fluid nozzle, and air cap in warm water for 3–5 min. Do NOT soak the whole applicator. Scrub with the cleaning brush.

STEP 5



DRY, REASSEMBLE & WIPE

Let all parts air dry fully, then reassemble. Wipe the body of the applicator with a damp rag.

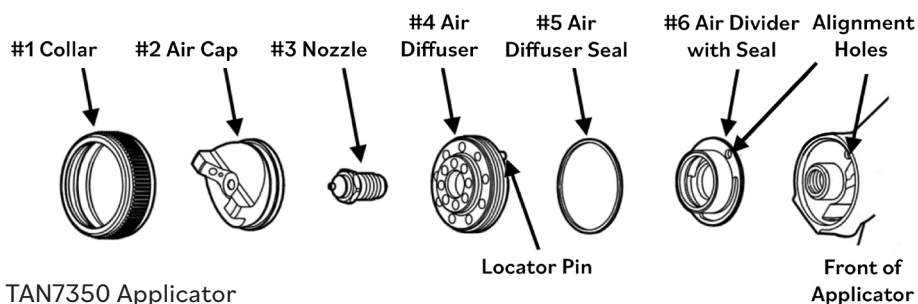


WATCH THE CLEANING VIDEO FOR YOUR APPLICATOR

Scan the QR code to watch

T-PRO 4200 Applicator

- Remove the fluid knob (#7), spring (#9), and needle (#8) from the rear.
- At the front of the applicator, remove collar (#1) and air cap (#2).
- Using the supplied wrench, remove the fluid nozzle (#3). To prevent the air diffuser and diffuser seal from falling out, keep the applicator pointing upwards. Then carefully remove the air diffuser and diffuser seal.
- Use the cleaning brush and warm soapy water to clean behind the fluid nozzle.
- The air cap, fluid nozzle, needle, air diffuser and air divider may be soaked in warm soapy water. Do not use solvents to soak or clean these components.
- When reinstalling the air diffuser, carefully rest the diffuser seal on the back edge of the diffuser, this will ensure perfect alignment when installing.
- There is a locating pin on the back of the diffuser. This pin must be placed into the matching hole in the air divider (#6), and into matching hole in the gun body. The matching hole of the gun body is located at a 12 o'clock position.



TAN7350 Applicator

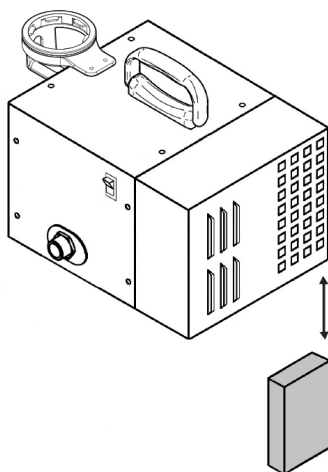
- Remove the fluid knob (#7), spring (#9), needle (#8) from the rear.
- At the front of the applicator, remove collar (#1) and air cap (#2).
- Using the supplied wrench, remove the fluid nozzle (#3). To prevent the air diffuser from falling out when removing the fluid nozzle, have the applicator pointing upwards. Then remove the air diffuser and diffuser seal.
- Use the cleaning brush and warm soapy water to clean behind the fluid nozzle.
- The air cap, fluid nozzle, needle, air diffuser and air divider may be soaked in warm soapy water. Do not use solvents to soak or clean these components.
- When the components are clean, to reinstall the air diffuser, carefully rest the diffuser on the front of the applicator and attach fluid nozzle. Use wrench to tighten the nozzle in place.
- Be sure to install the needle, spring and fluid knob after the components of the front of the applicator are in place.

Turbine Maintenance

The only regular maintenance required on the turbine is the cleaning and replacing of the filter(s). The turbines have either one or two filters. Remove based on the instructions below and wash the filter in warm soapy water. Dry before replacing back in the turbine.

Cleaning your filters regularly is essential to maintaining your turbine. It is always a good idea to have a spare pair of filters on hand.

When storing the turbine, always store the system in a dry, moisture-free location.

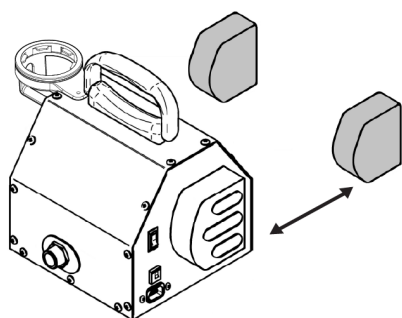


salonTAN™ Filter

#5029 (rectangular filter)

To remove, simply pull the filter out from the bottom-right side of the turbine case (if looking from the front).

To reuse, wash the filter in warm soapy water. Dry before replacing back in the turbine.



studioTAN™ Filter

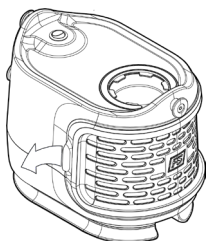
#7224-2 (semi-circle shape filters)

To remove, simply pull the two filters out from the filter enclosures, one on each side.

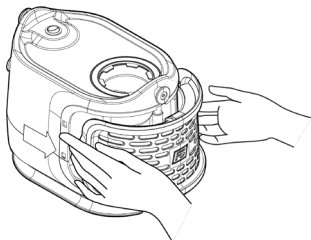
To reuse, wash the filter in warm soapy water. Dry before replacing back in the turbine.

soloTAN™ Filter

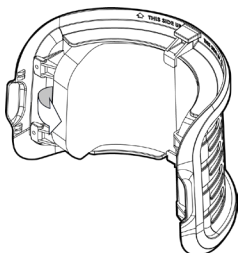
#7455



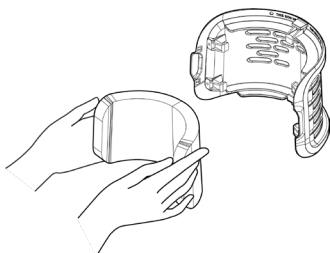
1) Pull the grip tabs on both sides of the grill outwards to release it.



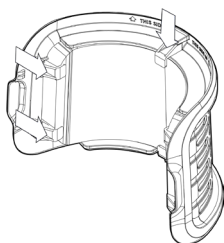
2) Pull the grill directly away from the main unit to separate.



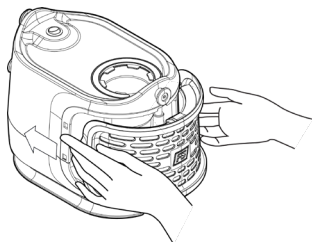
3) Carefully remove the foam filter from the grill.



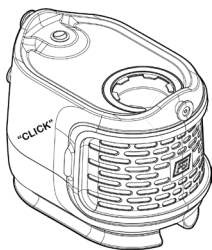
4) Clean and let dry or replace the foam filter, and replace it in the grill.



5) When placing the foam filter in the grill, ensure each of the 6 tabs is helping to hold the foam in place.



6) Make sure the grill is upright, and place it back on the main unit.



7) Make sure the grill "clicks" back into place on both sides by pushing it tightly back on to the unit.



For video instructions, please scan the QR Code or visit:

www.fujispraysunless.com

TROUBLESHOOTING

1) Solution coming out from nozzle without trigger engaged

FT-5 Applicator

- Check and clean fluid nozzle (#3). If damaged, it will require replacement
- Half fill the solution cup with water
- Connect the applicator to the hose and switch the turbine on
- Pull the trigger and release. Check nozzle (#3) for water spraying out

T-PRO 4200 Bottom Feed and TAN 7350 Applicator

- Check and clean fluid nozzle (#3). If damaged, it will require replacement
- Check and clean the needle (#8). If damaged, it will require replacement

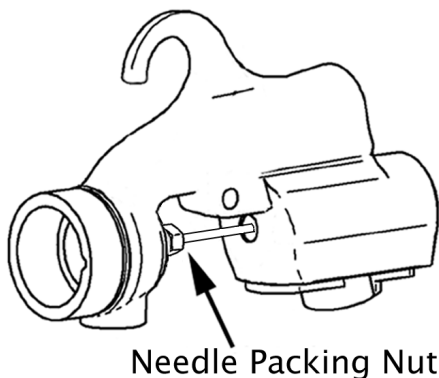
The needle packing nut may be too tight. It needs to be loosened slightly.

- Half fill the solution cup with water
- Connect the applicator to the hose and switch the turbine on
- Pull the trigger and release. Check nozzle (#3) for water spraying out
- Use the supplied wrench to **gently** loosen the nut (1 or 2 degrees only at a time). This is a very sensitive adjustment. Again pull the trigger and release until the needle moves back and forth freely
- Wipe away the water in between adjustments. Repeat until no water is seen at the fluid nozzle hole

2) Leaking from needle packing nut

T-PRO 4200 Bottom Feed and TAN 7350 Applicator

The needle packing nut (#13) may be too loose. It needs to be tightened.



- Half fill the solution cup with water
- Connect the applicator to the hose and switch the turbine on
- Pull the trigger and release. Check needle packing nut for water leaking out
- Use the supplied wrench to **gently** tighten the nut (1 or 2 degrees only at a time). This is a very sensitive adjustment
- Wipe away the water in between adjustments. Repeat until no water is seen where the needle passes through the needle packing nut

3) Heavy density or light density spray

1. Adjust the fluid knob to increase or decrease volume
2. Vary distance between the applicator and the person you are spraying

4) Uneven pattern when spraying

- Check and clean nozzle
- Check and clean air cap. Use a soft cleaning brush. Never use metal objects to clean holes in the air cap

5) Poor spray pattern

- Damaged needle or fluid nozzle – This will require replacement
- Check fluid nozzle and air holes in air cap – This will require cleaning
- Replace duck bill and/or pressure tube
- Applicator is being held too far from surface - max. 6 inches (15 cm)

6) Excessive overspray

- Reduce fluid volume flow or adjust fan pattern
- Applicator is being held too far from surface - max. 6 inches (15 cm)
- Install an extraction fan

7) Leaking from solution cup rim

- Ensure that the cup is tightened fully
- Replace cup lid seal (gasket) as it may be worn

8) Fluid at air cap holes

- The fluid nozzle is loose and solution is leaking around it - tighten the nozzle using the supplied wrench

9) Applicator sprays in a pulsating manner

- The solution cup is almost empty. Add more solution
- Clean the fluid coupler thoroughly
- Inspect pressure tube and cup gasket. Replace if damaged

10) Turbine keeps shutting off at the breaker switch

- Check the filter(s) is clean and in place properly
- Check the air hose for any kinks that may restrict the air flow
- The turbine is overheating due to over usage. Leave the turbine off for a few minutes to cool down. If necessary, reset the breaker switch, then try turning it on again
- Replace breaker if still not turning on

11) Little to no solution coming out

- Fluid knob is turned in too far - turn out to allow more solution flow
- Fluid coupler is clogged.
 - a) Remove the cup assembly
 - b) Use the supplied cleaning brush to unclog the inside of the fluid coupler with soapy water
 - c) Use the brush to also clean out the solution passage at the bottom of the cup

12) Difficulty Swapping Cup Sizes or Pick-Up Tubes (FT-5)

- Unscrew the 150cc cup
- Remove the shorter fluid tube with some force. It may have some resistance, this is normal and the tube and applicator will not be damaged.
- Insert the extended fluid tube with some force. It may have some resistance, this is normal and the tube and applicator will not be damaged.
- Fill the 250cc cup halfway up with water and screw on the 250cc cup. Test spray.
- To switch back to the 150cc cup, remove the extended fluid tube and replace with the original fluid tube.

Fuji Spray® Limited Warranty

Fuji Industrial Spray Equipment Ltd. (“Fuji”) provides a limited warranty on the product to the original purchaser effective from the date of purchase against defects in materials and workmanship, for the time periods as follows:

Turbines	salonTAN™	2 years
	studioTAN™	2 years
	soloTAN™	1 year
Applicators	T-PRO 4200	2 years
	FT-5	2 years
	TAN 7350	2 years

The warranty does not cover damage or defects arising as a result of abuse, misuse, accident, negligence, malfunction, corrosion, normal wear and tear, inadequate or lack of spray gun or other aspects of maintenance of the product, damage arising from improper assembly, installation or operation, damage arising from the product being used with parts that are not genuine Fuji Spray® parts, or damage arising from the product being used for a purpose other than that for which it was designed or intended. The warranty is void if repairs to the product are made or attempted by anyone other than Fuji or its authorized agents, or if any modifications to the product are made or attempted.

Purchasers located in North America must obtain a Return Material Authorization number by calling Fuji at 1-800-650-0930 before returning the product to Fuji or its designated representative.

Purchasers located outside North America must contact the vendor from which they purchased the product. In all instances purchasers must return the product together with proof of purchase and with shipping prepaid. For valid warranty claims the product will be returned to the purchaser with shipping prepaid.

This is the only warranty provided by Fuji with respect to the product and is in lieu of any other warranties, express or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose. Fuji’s sole obligation under this warranty shall, at its option, be to either repair or replace a product determined by Fuji to be defective. In no event shall Fuji be liable for loss of profits, incidental or consequential damages, injury to any person or property, or any other damages of whatsoever nature.



Service Information

For product service and repair information on your Fuji Spray® products, scan the QR code or go to:

www.fujispray.com/service-centers



Declaration of Conformity

Manufacturer:	Fuji Industrial Spray Equipment Ltd. 800 Alness Street, Toronto, ON Canada M3J 2H5
Declares that the product:	HVLP Turbine
Product name(s):	soloTAN™, studioTAN™, salonTAN™
Model(s):	2175, 6175, 6100, 2100, 6150, 2150, 3500, 3550, 3575
Conforms to the following directive(s):	
soloTAN™	Low Voltage Directive 2014/35/EU EN 60335-1:2012 + A11:2014 + A13:2017 EN 60335-2-2:2010 + A11:2012 + A1:2013 EN 62233:2008 Electromagnetic Compatibility Directive 2014/30/EU EN 55014-1:2017 / A11:2020 EN 55014-2:2015 EN IEC 61000-3-2:2019 EN 61000-3-3:2013 / A1:2019
studioTAN™ and salonTAN™	Low Voltage Directive 2014/35/EU EN 60335-1:2012 + A15:2021 EN 62233:2008 Electromagnetic Compatibility Directive 2014/30/EU EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019 + A1:2021 EN IEC 61000-3-3:2013 + A1:2019 + A2:2021

August 2025

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