

K901 HVLP SPRAY GUN



USER MANUAL

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE USING THE EQUIPMENT

GETTING STARTED

Your K901 Spray tanning gun has been adjusted at the factory, but may need minor adjustments to accommodate different solution types. To clean out any impurities that may have accumulated during assembly or shipping, we recommend spraying a small quantity of water through the spray gun. Before spray tanning, we suggest to experiment with plain water until you become familiar with the gun and all controls.

CHANGING FAN PATTERN

A) Loosen Cap Ring (1-1). Turn Air Nozzle (1-2) to the horizontal or vertical position. Tighten Cap Ring. Always make sure the Cap Ring is snug on the Air Nozzle.

B) Turn the Adjusting Knob (12) to adjust the size of the fan pattern from Large and oblong to small and round. For spray tanning, the distance from the person is generally 4"-6" away. The large fan pattern will cover bigger areas. This setting is the most common used. You can turn the Adjusting Knob to a smaller fan pattern if you are just touching up smaller areas. Spraying closer in areas, such as arm and wrist, will reduce undesirable overspray and does not allow solution to be wasted.

FAN PATTERN TECHNIQUES

The spray gun should be held perpendicular to the surface at all times. You should never spray more than 6" away from the subject. You must move at the correct speed, applying a thin wet coat to the client while keeping back a uniform distance.

CAUTION: Always keep cup as close to vertical as possible. Pointing the spray gun too far upwards or downwards at an angle may cause the solution to enter the duckbill valve (19). Clogging this valve will restrict fluid flow through the gun.

After use, never lay gun on its side; liquid will run out of the cup or into the duckbill valve. Place spray gun in holder / cup holder or hang by hook.

Start moving the spray tanning gun in up or down direction before pressing the trigger. You must pull trigger immediately AFTER you begin to move. This helps avoid runs. Never start spraying without having your hand in motion. Overlap each pass by one third the size of the spray pattern (2" or 5 cm). This will result in even coverage.

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

CLEANING THE GUN

Remove cup from gun Cup Assembly (18). Pour out any unused tanning solution and then fill the cup with clean water. Reattach cup and turn Fluid Adjusting Knob (8). This will allow you to pull the trigger back all the way. Attach the gun to the hose and simply pull the trigger and spray the water through the gun (into a rag/towel is okay). Repeat once more if necessary. Use the wet rag to wipe off any solution on the gun or cup. This is all that is needed to keep spray gun 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 fluid cup or spray gun.

CLEANING BEHIND THE NOZZLE

Remove Cap Ring and Air Nozzle. Using supplied wrench, remove Fluid Nozzle (2). Once Fluid Nozzle is removed, it is relatively easy to clean behind it with the cleaning brush and soapy water.

For a more thorough cleaning, remove all parts at the front of the barrel (Cap Ring, Air Nozzle, Fluid Nozzle, Etc.). You may soak the parts in soapy water. Do not use solvents. Also, remove the Fluid Adjusting Knob, spring (9), Needle Assembly (10) from rear of gun.

CAUTION: Do not soak the whole gun in any liquid. This is never necessary or advisable!

CLOGGED GUN?

If the Fluid Inlet (17) is seriously clogged with tanning fluid it must be cleaned while in place in the gun. The inlet should never be removed.

Remove Cup Assembly by loosening the nut at the top. Use the cleaning brush to unclog the inside of the Fluid Inlet using soapy water. Replace the cup. Position the cup to the preferred position and tighten nut. You will want to use the wrench to tighten the bolt. You will want to be careful not to strip the threads on the bolt by tightening it too much.

The Duckbill Valve (19) may also become clogged if tanning solution slips inside the valve from being tilted or laid on its side. You will want to remove the Butterfly Clip (20) by pressing the "wings" together and lifting over and off of the valve. Remove the valve and let it sit in soapy water for about five minutes to break up any tanning solution or particles that may be blocking the air passage.

WHAT CAN CLOG FLUID PASSAGES?

You should never leave tanning solution in the cup overnight. It hardens and leaves a film when it dries and the fluid passages can become clogged. In order to prevent this, you will want to spray soapy water through the gun periodically. Always flush gun out with clean water so that no soap residue is left.

SPRAY GUN PROBLEMS?

Leaking at the rim of the cup:

Ensure that cup is tightened fully. You will want to hold the lid while tightening the cup. Replace Cup Lid Gasket (21).

Uneven Spray Pattern:

One of the holes in the Air Nozzle (2) may be blocked with dried solution. Remove the Air Nozzle and clean by soaking in soapy water and using the cleaning brush to clean. NEVER use metal objects to clean hole in Air Nozzle.

Excessive Overspray:

The gun is either being held too far away, you need to pull the trigger on a off as you pass over the edge, or you need to install an extraction unit/fan in the room.

****Please check with state guidelines on this matter****

Little or no fluid flow:

This means that fluid passages could be clogged or semi-clogged. You will want to check the Duckbill Valve (19) to make sure it is not clogged. It could be something as simple as turning the Fluid Adjusting Knob (8) out a bit more.

K901 Parts List

ITEM #	DESCRIPTION	ITEM #	DESCRIPTION
1	Air Nozzle Set	11	Handle
1-1	Cap Ring	12	Connector**
1-2	Air Nozzle	13	Seal**
2	Fluid Nozzle	14	Seal Nut**
3	Distribute (aluminum)**	15	Pin
4	Distribute (plastic)**	16	Trigger**
5	"L" Screw**	17	Fluid Inlet**
6	Gun Body	18	Cup Assembly
7	Fan Pattern Knob	19	Duckbill Valve
8	Fluid Adjusting Knob	20	Butterfly Clip (not pictured)
9	Spring	21	Cup Lid Gasket
10	Needle Assembly	DO NOT REMOVE PARTS WITH**	

