



MODEL 100 SPRAY GUN OPERATING INSTRUCTIONS

Your Model 100 spray gun is quick and easy to use, and equally important, quick and easy to clean. It will spray a wide variety of materials including gelcoats, resins, Pva's and it will perform sand blasting with the proper spray tip. Your gun comes with one heavy duty plastic cup which will withstand acetone and keystone, and a selection of paper cups. When an inexpensive supply of paper cups is available, most fabricators prefer the time savings an expendable paper cup gives. The model 100 is supplied with a nozzle cleaning brush (G300-FN-BRUSH), aluminum lid (G300-010-3), and a 3/16" (4.8MM) (G300-FN6) nozzle. This is a general purpose gel coat nozzle and other sizes may be purchased (see parts diagram) for better results with your particular applications

Preparing your new G100 Spray gun:

- 1-Remove the 10-32 Socket Head Cap Screw from the supplied pull ring assembly. Insert the assembly into the gun casting at the open hole. Use the removed screw to attach, using the supplied 5/32 Hex Key.
- 2-Attach a clean dry 3/8" (10mm) or larger air line attached to a filter/regulator. This port is tapped to 1/4" NPT. Do not use 1/4" quick connects. As this may restrict air flow to the gun.
- 3-Never put petroleum products on "O" rings seals. This will ruin your seal by causing extreme swelling. Your G100 is required with "EP" "O" rings to resist damage from exposure to acetone. Acetone can cause slight swelling, and will require some "O" to be replaced occasionally.

Operation your new G100 Spray Gun:

- 1- Fill paper (G300-01132) or plastic cup (G300-011HD) with the material to be sprayed. (The disposable 32 OZ paper cup makes an ideal liner to the plastic cup, and reduces clean up time. Also try the G300-011-BAG plastic cup liners.)
- 2- Catalyze material to supplier's specification. Always stir your material while adding catalyst. This will reduce the chance of pre-mature gelling of your material, and give you more consistent colors. (Our MEK-016-32 MEKP Dispenser is helpful in this step)
- 3- Secure cup on to cast lid (G300-010-3) while cup is upright. Insert your fluid nozzle (G300-FN) into the air nozzle (G300-004). Pull the pull ring (G300-013) to attach to the lip at the back of your paper or plastic cup.
- 4- When material is not being sprayed, point cup upwards, but do not depress the trigger. Your model 100 has no conventional needle to stop the material flow. This is one of its many virtues, as it has no needle to clean. If you do not point the gun upwards prior to spraying, material will flow out of your fluid nozzle.
- 5-Open the flow control (G300-014) about 2 full turns before you begin. Depress the trigger valve (G300-001) all the way until upper "O" ring (G300-003A) seat, and begin to spray into your mold. Adjust your flow control to your desired material amount.
- 6-When finished spraying or you have sprayed all your material, simultaneously release trigger and raise gun to vertical position. Clean your nozzle and lid thoroughly and repeat the above steps. Be sure to clean the small vent hole located on the lid, opposite to the fluid nozzle.

Model 100 Gun Air Requirements 60 to 100 psi (5.8cfm @ 80psi)

Suggestions for other Applications

General nozzle suggestions. Ask your material manufacturer for more detailed material information.

PARTING FILMS PAINTS RESINS GELCOATS GELCOATS W/FLAKE SAND-BLASTING
FN-1 FN-2 FN-3 FN-4 FN-5 FN-6 FN-7 FN8 FN-9