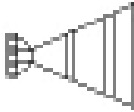


The gun is designed in light weight, nice shape, comfortable feeling , compact conformation, easy to operation and take, ergonomic design and get superior finish and save paint at the same time. This gun is applicable to do painting for cars, automobile, furniture, machinery, hotel, house and building.

Specification:

model	nozzle diameter (mm)	Working pressure	Working pressure	Cup size
B-002	4/6/8	0.35-0.5MPA	700/2000/4000 ml/min	4500CC

Spray pattern	Reason	Remedies
 fluttering	1.air enters between material nozzle and nozzle seat. 2.air enters between the airflow separating ring and gun body or nozzle seat. 3.air enters near the needle sealing nut. 4.air enters between material passage connector and cup.	1.assembly parts again after clean the connecting part between material nozzle and nozzle seat.Or change these two parts when they are damaged. 2.assembly parts again after do the cleaning works or change new ones when they are damaged. 3.rocking the needle sealing nut. 4.assembly and locking the relative parts again after do the cleaning works.
 crescent	Some eyewinker block on the holes of airflow nozzle, that caused the asymmetry painting from the horn holes.	Using brush to clean the eyewinker from the horn holes completely. But it is not allowed to clean by some metal cleaning device.

 inclined	1.some solids cling between the material nozzle and airflow nozzle. 2.some solids cling on exit part of material nozzle	1.clean the solides and change relative parts if some of them are damaged. 2.assembly the parts again after cleaning the join between material nozzle and nozzle set.
 split	1.paint viscosity too low. 2.fluid output too high.	1.add paint to increase viscosity. 2.adjust the spray adj valve set to low, but the spray pattern will be small
 Heave center	1.paint viscosity too high 2.fluide output too high	1.add thinner to reduce viscosity 2.adjust the spray adj valve set to higher

How to operate

Suggested air pressure is **0.35-0.5MPA**.

Keep fluid output as small as possible to the extent that the job will not be hindered. It will lead to better finishing with fine atomization.

The gun should be held so that it is perpendicular to the surface of the workpiece at all times .Then, the gun should move in a straight and horizontal line. Arcing the gun causes uneven painting.

Maintenance after painting

	Warning
-Turn off air and coating materials to the gun and release pressure by triggering the gun before disassembling,gleaning or servicing. -Pay attention when disassembling spray gun since you must touch sharp parts. -Do not disassemble without receiving enough knowledge and education.	

1. Pour remaining paint into another container and then clean paint passages and air cap. Spray a small amount to thinner to clean paint passages. Incomplete cleaning will cause adverse pattern shape and particles. Clean fully and promptly two-component paint after use.

2. Clean other sections with attached brush soaked with thinner and waste cloth.

3. Clean paint passages fully before disassembly

4. Remove fluid nozzle after removing fluid needle set or while keeping fluid needle pulled, in order to protect seat section.

5. While keeping fluid needle packing set by hand. Then tighten gradually by spanner.

Adjust packing set while pulling trigger and watching movement of fluid needle set since too much tightening will slow down movement of fluid needle and result in leakage from tip of nozzle. If tightened too much, turn counterclockwise to the sufficient position without stuck needle and fluid leakage.

6. Turn Spread adj. knob counterclockwise to fully open. And then tighten Spread adj. guide into gun body.



Caution

-Never use commercial or other parts instead of an Iwata original spare parts.

-Never immerse the whole gun into liquid such as thinner.

-Never damage holes of air cap, fluid nozzle, fluid needle.



Fire or explosion hazard

1. Fluid and solvents can be highly flammable or combustible.

-Use in well-ventilated spray booth.

-Avoid any ignition sources such as smoking, open flames, electrical hazard, etc.



2. Never use HALOGENATED HYDROCARBON SOLVENTS (1,1,1-TRICHLORINE, ETHYL CHLORIDE, etc.)

Which can chemically react with aluminium and zinc parts and cause an explosion.

Be sure that all fluids and solvents used are chemically compatible with aluminium and zinc parts.

3. To reduce the risk of static sparking, grounding continuity to the spray equipment and object being sprayed must be maintained.



Misuse hazard

1. NEVER point gun in the direction of human body.

2. NEVER exceed the maximum safe working pressure of the equipment.

3. ALWAYS release air and fluid pressures before cleaning, disassembling.



or servicing.

For emergency stop and prevention of unintended operation, a ball valve installation near the gun to stop air supply is recommended.



Hazard created while coating materials are atomized and sprayed

1.Toxic vapours produced by spraying certain materials can create intoxication and serious damage to health.

- Use the gun in well-ventilated areas.

- Always wear protective eyewear, gloves, respirator, etc. to prevent the toxic vapour hazard, solvents and paint from coming into contact with your eyes or skin.

2.Noise level mentioned in main specifications was measured at 1.0m behind the tip of the gun, 1.6m height from floor.

-Wear earplugs if required



Other hazards

1.NEVER modify this product for any applications

2.NEVER enter working areas of robots, reciprocators, conveyors, etc, unless machines are switched off

3.NEVER spray foods or chemicals through the spray gun.

Safety warnings

important

This gun should be operated by adequately trained operators only

Ensure that the gun has not been damaged during transportation

Clean dry air should be supplied to the gun.

1. Connect an air hose to air nipple tightly.

2. Connect a fluid hose or a container to fluid nipple tightly.

3. Flush the gun fluid passage with a compatible solvent.

4. Pour paint into container, test spray and adjust fluid output as well as pattern width