

LPMG1 is a paint spray gun for automobile repair (included parts: SUS 150cc cup, hand pressure adjuster).
LPMG2 is a paint spray gun for hobby (included parts: aluminum 10cc cup, 1/4 to 1/8 conversion nipple)

- This instruction manual describes important precautions and handling methods for safe use. Please be sure to read and fully understand before use.
- Please keep this instruction manual in a safe place so that you can check it later when you need.

CAUTION!!

- Please pay attention to ventilation and fire. In case of insufficient ventilation, there is a risk of poisoning or ignition with organic solvents.
- Never use above the maximum operating pressure. Maximum working pressure: 0.69Mpa (7kgf/cm²).
- Do not spray on human body.
- Please wear appropriate clothing or protective equipment such as a mask and glasses when spraying.
- When connecting the paint cup, air hose, or paint hose to the spray gun, use a tool to securely attach it.

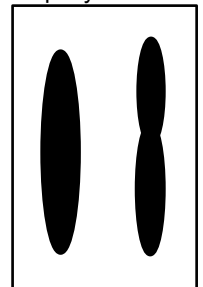
Usage

- 1) Attach the paint cup to the paint nipple of the spray gun. (Please use the included tools.)
- 2) Attach the air hose from the compressor to the air nipple of the spray gun using a tool (depending on the viscosity and nature of the paint, the conditions are different, but the appropriate pressure at hand of the spray gun is 0.05~0.15Mpa).
- 3) Put the paint with a suitable viscosity for spraying in the paint cup.
- 4) Turn the paint adjustment knob to adjust the amount of paint ejection, and turn the pattern adjustment knob to adjust the spray pattern and perform the spraying work.

Notes

- * It is recommended that the maximum working pressure of 0.4Mpa or more is used for the compressor.
- * Before actually spraying, discard it on another object and check whether the sprayed pattern shape is normal before proceeding (see the figure on the right).
- * The distance between the spray gun and the object to be coated is about 10 ~ 25 cm.
- * The trigger of the spray gun is a two-stage pull. Air comes out in the first tier, and paint comes out in the second tier.
- * Please use clean compressed air through an air dryer or air filter.
- * Use an air hose that meets the pressure resistance standard, and do not use an old hose that has been damaged by scratches.
- * When using for the first time after purchase, please clean the paint circuit with thinner before use.
- * Please do not modify the product.

Spray Pattern



Normal Cracked

Maintenance and inspection after use

- 1) When the spraying process is completed, transfer the remaining paint in the paint cup to another container.
- 2) Put a small amount of thinner into the paint cup, remove the paint adhering to the inner surface of the paint cup, and blow it out.
- 3) Repeat the process in 2) and clean the inside of the paint circuit.
- 4) Remove the needle valve set, air cap, and paint nozzle in that order, and soak in solvent for cleaning. Please use the supplied tool to attach and detach the paint nozzle.
- 5) Clean the paint adhering to each part of the spray gun with a brush dipped in thinner and wipe it off with a rag.
- 6) When adjusting the tightness of the needle packing, tighten the needle packing presser screw little by little while the needle valve is in the spray gun.

Maintenance and inspection precautions

- * Please clean immediately after the spraying work is completed. Also, be sure to use a clean solvent when cleaning.
- * The air cap, paint nozzle and needle valve set are the heart of the spray gun. Please clean carefully so as not to scratch it.
- * When cleaning, please pay attention to ventilation and fire as well as during spraying work.
- * Do not immerse the entire spray gun in solvents such as thinner.
- * Clean carefully so that solvents do not enter the air circuit. Also, when using a gun washer, please attach a cover to the air nipple.

© Please note that parts and specifications are subject to change without notice in order to improve quality.

Specification details (Values may vary slightly depending on the material to be sprayed, pressure, temperature, etc.)

Paint nozzle diameter (mm)	Sprayed Pneumatics Pressure □ Mpa □	Spraying distance (mm)	Air consumption (l/min)	Paint ejection volume (ml/min)	Pattern width (mm)	Quantity (g)
0.6	0.08 □ 0.15	150	100	25	80	250

SHOW UP LPMG1 - 2 Disassembled part name diagram

(When ordering equipment, please use the number and name in this disassembled part designation drawing)

Parts #	Parts
<input type="checkbox"/>	Air Cap Nut
<input type="checkbox"/>	Air cap smoother
<input type="checkbox"/>	Air Cap
4	Paint nozzle
<input type="checkbox"/>	Air Branch
<input type="checkbox"/>	Air Branch Gasket
<input type="checkbox"/>	Gun body
<input type="checkbox"/>	Cylinder gasket
<input type="checkbox"/>	Needle cylinder
<input type="checkbox"/>	Needle Packing
<input type="checkbox"/>	Packing pressure screw
<input type="checkbox"/>	Needle valve
<input type="checkbox"/>	Knee drill Spring
<input type="checkbox"/>	Paint adjustment screw
<input type="checkbox"/>	Paint adjustment knob set
<input type="checkbox"/>	Air valve body
<input type="checkbox"/>	Air valve spring
<input type="checkbox"/>	Pattern adjuster
<input type="checkbox"/>	Air volume regulator
<input type="checkbox"/>	Air nipple
<input type="checkbox"/>	E-Ring
<input type="checkbox"/>	trigger
<input type="checkbox"/>	Trigger pin
<input type="checkbox"/>	Spanner for paint nozzles
<input type="checkbox"/>	Allen wrench
<input type="checkbox"/>	Spanner (6 x 8)

The diagram illustrates the exploded view of a GEOR paint gun assembly. The main body of the gun is shown on the right, with various components labeled with numbers 1 through 23. The components are arranged in a linear fashion from left to right, showing the assembly sequence. The parts include: 1. Air Cap Nut, 2. Air cap smoother, 3. Air Cap, 4. Paint nozzle, 5. Air Branch, 6. Air Branch Gasket, 7. Gun body, 8. Cylinder gasket, 9. Needle cylinder, 10. Needle Packing, 11. Packing pressure screw, 12. Needle valve, 13. Knee drill Spring, 14. Paint adjustment screw, 15. Paint adjustment knob set, 16. Air valve body, 17. Air valve spring, 18. Pattern adjuster, 19. Air volume regulator, 20. Air nipple, 21. E-Ring, 22. trigger, 23. Trigger pin. The diagram also shows a spanner for paint nozzles (24) and an Allen wrench (25) used for assembly.



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<https://www.showup.jp/techE.html>