

VII. WARRANTY

All our machines are guaranteed for 1 year from the date of invoice. The warranty covers the replacement or repair of machine components that GOLDSPRAY, S.L., recognized as defective by manufacturing errors and labor in the replacement and / or repair.

Assistance during the warranty will only take effect if made by GOLDSPRAY, S.L. and in their workshops. The machine will be sent prepaid and once repaired, the machine will reach the customer freight collect. The guarantee does not include the intervention of our technicians in the place where the machine, nor disassembly is installed. If necessary or essential to send personnel GOLDSPRAY, S.L., (at the discretion of Goldspray), the work done plus travel expenses and allowances will be billed.

For the validity of this guarantee, it must be signed, sealed and dated by GOLDSPRAY, S.L. and accompanied by the purchase invoice object of the machine warranty.

En las partes de la máquina que GOLDSPRAY, S.L no fabrica, prevalecerá la garantía de los fabricantes originales o distribuidores.

The warranty does not include:

-Compensation For damages, direct and / or indirect, caused by the team, or the team owner or third parties.

Neither it includes any repairs made by the customer or third parties without the express consent information of Goldspray S.L.

- Malfunctions caused by external agents.
- Malfunctions due to negligence or poor maintenance.
- Malfunctions caused by improper use or assembly.
- Damage caused by neglect, incompetence, running wear..

The guarantee will decay in case of default or any other breach of contract. Repairs carried out during the warranty period do not diminish or increase its duration

The guarantee will decline if the machine is handled or is removed in another workshop, without the authorization of Goldspray S.L. Similarly when the serial number is removed or tampered with. Nor when the damage is caused by operation or misuse, negligence, falls and other causes not arising from normal operation. In the event of litigation or legal dispute the parties waive their own jurisdiction and expressly submit to the courts of the city of Torrente (Valencia).

Electrostatic Flocking Machine

Model **GLS1-ZR**

USER MANUAL

Dear user:

Thank you for purchasing the electrostatic flocking equipment GLS 1-ZR.

Before first use, please read this manual, which will help to properly and safely use this equipment.

If any problems appear during use, please contact us. We will solve your questions and offer a great after-sales service.

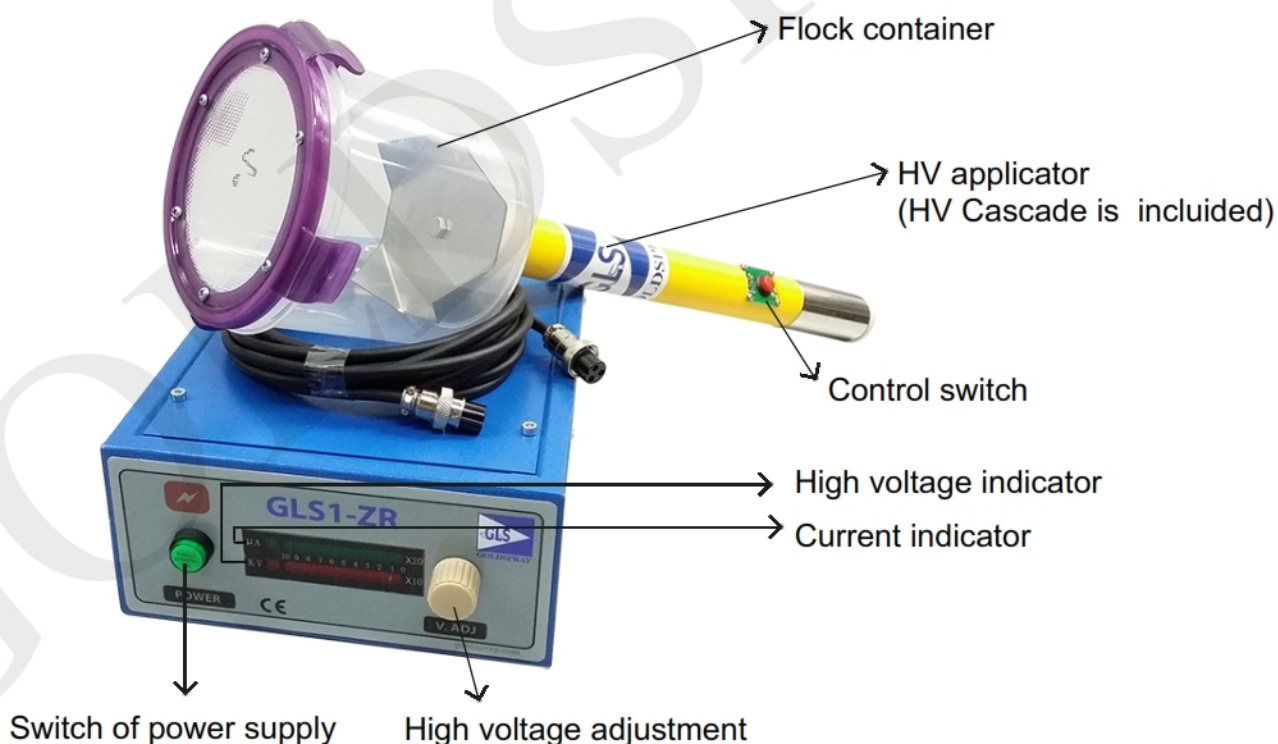
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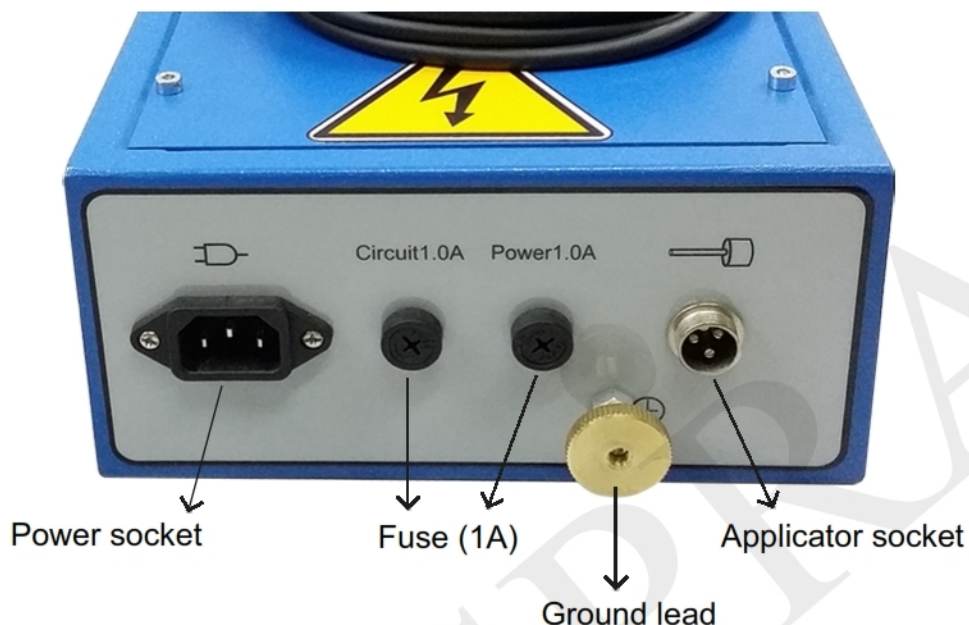
I. Technical parameters:

- 1. Voltage of power supply: 110-220V AC voltage ,50-60HZ
- 2. Input power: 30W.
- 3. Output voltage: 0-80KV
- 4. Maximum output current:: 150uA
- 5. Voltage of solenoid valve: DC 12V
- 6. Flocking area: unlimited
- 7. Length of flock fiber:≤: ≤3mm

II. Component identification:



III. Component identification:



Flock applicator



¡IMPORTANT!

The user's skin should always be in contact with the metal area of the applicator (for grounding) when using the machine. Never hold the applicator before the switch.

GOLDSPRAY S.L.

Pol. Ind. Masia del Juez
C/ Rajolers, 39
46.909 TORRENT - Valencia

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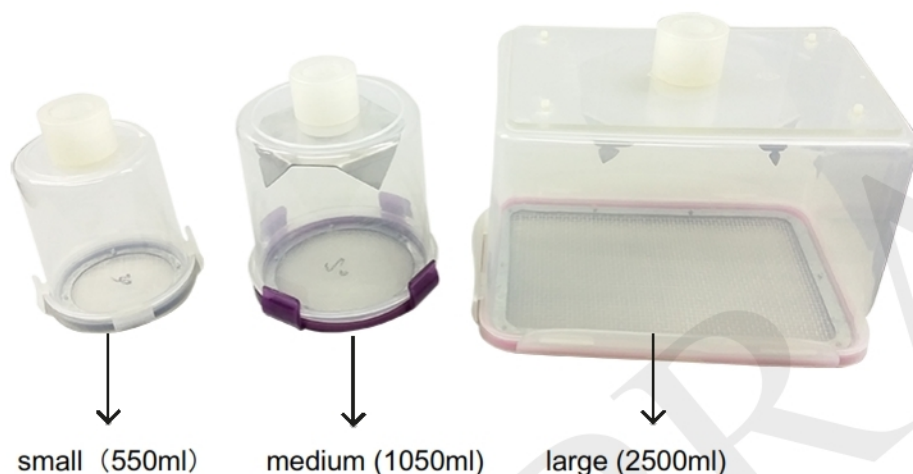
www.goldspray.com

✉ comercial@goldspray.com

☎ +34 96 156 58 36 ■ 672 645 248

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Applicator heads (optional)



IV. Steps to follow:


- Check that both switches, applicator's (red) and source's (green) are turned off (outward position).
- Connect all wires, including grounding the piece to be treated if metal, or below it to a conductive plate if it were fabric.
- Flocking fibers must be placed on the head (1/2 full)
- Turn on the switch on the power supply (the green LED lights)
- Press the red button in red applicator (holding it as indicated in this manual) and adjust the desired voltage (clockwise to increase voltage).
- Glue the pieces to be flocked (leave partially dry if necessary)
- Press the control switch applicator HV, shake slightly. Flocking fibers will be attracted to glued areas of the workpiece. Never replace flocking fibers without first disconnecting the HV button applicator (red) and bring grounding grid applicator for static discharge.
- Let dry the flocked pieces (by air or oven)



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 +34 96 156 58 36  672 645 248

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V. Common faults:

1. When the flocking fibers are deposited weakly or lie down, it may be because:

- A. Output voltage is too low
- B. Imperfect earth
- C. Damp flock powder
- D. Quality issues of flock powder, The charge ability is poor

2. Flocking defective in grooves and corners, it may be because:

- A. Output voltage is too high
- B. Imperfect earth
- C. Bad electric conductivity of the glue
- D. The corners or the grooves is too deep, because of the electrostatic screen, the flock powder is hard to reach the deep corners.
(recommended use the same color glue to make up the flaw).

3. The adhesion between the fibers and the workpiece is weak or even fall.

Possible reasons:

- A. The tail part is not sufficiently dried.
- B. adhesive quality problems.

4. No high voltage output, the indicator lights are not working.

- A. The fuse is open (change)
- B. The power cord or power switch are not working.

5. High voltage, but the fuse blows, possible reasons:

- A. The transformer or power supply are damaged.
- Contact your technical service.

6. High voltage exists, but flock powder can't fly or fly weakly.

(High-voltage is weak, but the current indicator is large)

- A. Electricity leakage of the flocking gun
- B. High voltage cascade is broken

VI .Certifications



This product complies with the following national and European regulations:

- The "Electromagnetic compatibility" directive (89/336/EEC and 93/68/EEC)
- The "team low voltage" directive (73/23/EEC und 93/68/EEC)

SECURITY

Always remember to operate this equipment safely, ensure that the operator has read and understood this manual.


Turn off the machine whenever it is not in use, follow the ignition sequence set forth in this manual.

He holds the applicator by its metallic zone, never the plastic part, and do not carry any insulating element that prevents a proper connection to the ground by the operator.

Never tamper, remove or repair the flocking machine, can be dangerous and will void the warranty which he was subject.

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