

TECHNICAL DATA SHEET

Updating Date: 19/06/2023

Version: 1

(**)Indicates changes from the previous version

SECTION 1. IDENTIFICATION OF THE PRODUCT

1.1 Product identifier: **Ionizer Pro with magnetic holder**
Other forms of identification: **050290**

1.2 Details of the supplier of the technical data sheet: (See FDT headline).

1.3 Emergency telephone: 93 860 49 23 (8:00 - 17:30).

SECTION 2. DESCRIPTION

The IONIZER PRO gun is an advanced positive and negative ion generator system capable of producing the necessary energy to neutralise static electricity on surfaces.

The combination of ions and air causes the neutralisation of static electricity on surfaces, thus avoiding problems of marks, shadows, paint overspray, halos and/or dust motes by up to 80% and considerably improving the application process of metallic coatings, clear coats and other products.

In addition to the ion generator, the system consists of a valve that directs compressed air towards the surface to be neutralised and a laser pointer that indicates the area where the static neutralisation field is applied.

It is very easy to use and provides excellent results. It also achieves a significant cost reduction by reducing the time and use of other materials for defect correction.

Suitable for all types of static charged surfaces (glass, wood, metal, etc.). It is even recommended that the handler wipes the gun to remove any static charge that may be contained in the protective equipment itself.

SECTION 3. TECHNICAL SPECIFICATIONS

Input voltage:	5VDC.
Max. charging current:	550mA.
Output voltage:	+/-6500V Tol.:10%.
Max. output voltage:	<=20uA.
Max. working power:	1.5W.
Laser pointer:	650nm <1mW Class II.
Charger:	Input: 110/230V 50/60Hz. Output: 5Vdc 750mA.
Internal battery:	LIPO 1800mAh 3.7v.
Battery charge cycles:	500 full cycles. Battery 100% (3000 Hours). *For best battery performance, it is recommended to completely exhaust the battery charge before recharging.

SECTION 4. EQUIPMENT OPERATION

1. The IONIZER PRO gun does not require installation prior to use. However, for the best performance of the gun, it is recommended to follow the instructions below regarding start-up and operation.
2. Connect the IONIZER PRO gun to the power supply charger. The gun needs a total of 3 hours of recharging for a full charge, which gives an estimated autonomy of 4 hours of continuous work. While the tool is at rest, without use, there is no loss of charge in the battery even after several days.
3. The lit green LED will indicate that it is ready for use.
4. Once the gun is charged, disconnect from the charger and connect to the air line, adjusting the pressure gauge to the desired pressure.
5. Press the trigger. The laser indicates the area we are decontaminating and ionising.
6. The application is carried out in the same way as when we are painting, without varying the distance, speed or painting pressure.
7. This operation is carried out before applying the paint and before applying the varnish or top coat.
8. In all cases, a dust cloth must not be applied during the application of the IONIZER PRO spray gun.

SECTION 5. SAFETY

- The equipment must not be opened for maintenance or repair.
- Maximum air pressure 6 bar.
- The equipment must not be heated or cooled by external sources.
- The equipment must be used in ambient temperatures between -20°C and 40°C.
- The equipment is properly electrically protected for use.
- Do not power the system with a power supply other than the one supplied by the manufacturer.
- Do not short-circuit the ion generator electrodes for a prolonged period of time, otherwise the equipment may suffer irreparable internal damage.
- Avoid contact with the electrodes.
- Do not immerse any part of the IONIZER PRO gun in any conductive fluid.
- Ensure that the working area is well ventilated before using the IONIZER PRO equipment. Do not use simultaneously during the painting process.
- Respect safety regulations: the operator is responsible for the use of the machine and in compliance with safety requirements, both individually and in the work area. Use eye and ear protection.
- When using the spray gun, avoid the nozzle being close to or pointing towards the eyes or ears.

- This product may interfere with the operation of pacemakers due to high voltage discharges and other sources of electric or magnetic fields. Affected users should inform themselves about the possible risks before using or being near this tool.
- Always use the charger in a safe area and check the power cord regularly to avoid possible accidents caused by damage.
- This machine may only be serviced and repaired by the official supplier's service department.
- This machine uses compressed air, so dry, clean and filtered air must be used. Use only for appropriate purposes. It can also be used without air for short distances or for small areas.
- When connecting and disconnecting the tool, act according to the usual safety regulations.
- Clean the outside of the IONIZER PRO gun with a damp cloth (do not use a wet cloth under any circumstances) and whenever possible, we recommend using a microfibre cloth. Do not clean with solvents.
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leach into the water and enter the food chain, damaging your health and well-being.

SECTION 6. DISPOSAL

Waste Electrical & Electronic Equipment (WEEE) Compliant.

- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local government for information regarding the collection systems available.
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

The technical information is based on our experience. We guarantee the quality of the product; however, as the conditions of use are not under our control, we cannot assume any responsibility for the results obtained.