Instruction Manual
Ion blow gun
[ Piezonizer Model AGZIII-US ]

Thank you for purchasing the Piezonizer AGZIII. As to the use of this product, you must have sufficient considerations after reading the manual carefully because it deals with alternating currents with voltage of 250V (although the products is not stipulated as high-voltage equipment in the electric equipment standard).

Please refer to this manual before using the product in order to fully understand its functions. Also make sure to store this manual so that it can be referred to in the future.

4. Wiring and piping

Warning
- Be sure to turn OFF the power and air before installing, wiring, or piping the product.

Caution
- For installation or using of this product, pay attention to the contamination by oil/water, high temperatures or high humidity. Especially, avoid a place subject to dew condensation.
- If the air includes water and oil, inside of the main unit or the nozzle gets dirty, the ability to remove electricity is lowered or cleaning deterioration of the main unit occurs.

Installation
- Use the product by holding main unit with your hand. It is possible to suspend main unit by using a piece of hook. Hook can be rotated by every 90 degrees. Use main unit by changing its direction freely.
- This finished product can lock a nozzle. Please tighten a whenever-the-necessity-arrives lock screw.

5. Operation

Warning
- Do not operate the main unit by turning it on while held or by holding it to the body, especially to the face or to the eyes of a person. This may cause serious injury to the person. Always supply the power of this product with applying air. Otherwise, the ozone concentrations inside the main unit would increase due to electrical discharge, which may cause detrimental effect on this product and its surroundings.
- Do not let the nozzle of the main unit touch conductive or live parts, because it is connected to the inside-circuit.
- The piezoelectric ceramic is built in the inside of the main unit, do not give fall or shock.
- This product emits ozone into an atmosphere. Do not use this product in an enclosed space.

Operation
- Install the main valve of the air supply equipment (of your company), and supply the specified air to the main unit.
- Install an air tube (external diameter 6 mm) to the air piping port of the main unit. Install an air tube (external diameter 6 mm) to the air piping port of the main unit.
- Supply the main unit with clean air (not containing any water or oil portion).
- Connect the power cable to the AC adapter. Connect to power supply (AC100V~240V).
- Pipe to air supply source Connect to power supply (AC100V~240V).

6. Maintenance

Warning
- Before care and maintenance of the product, make sure to turn OFF the power and air. Otherwise accidents or problems may occur.
- The tip of the discharge needle is sharp, be careful not to touch the discharge needle.

Caution
- If this product was spilled with water, oil, or paint, wipe it out with waste or cloth. Especially, when it stuck to the discharge needle and the nozzle inside, wipe it off immediately.
- When dirt accumulates in the inside of the nozzle, clean it, and remove dirt.
- The discharge needle is a consumable part. It is necessary to change the discharge needle when you use this product for a long term. If operational time is over 20,000 hours, change the discharge needle.

Maintenance
- Rotate the nozzle to remove it from the main unit. Clean the discharge needle inside the main unit and the nozzle. If the air includes water and oil, inside of the main unit or the nozzle gets dirty, the ability to remove electricity is lowered or cleaning deterioration of the main unit occurs.
- If the air includes water and oil, inside of the main unit or the nozzle gets dirty, the ability to remove electricity is lowered or cleaning deterioration of the main unit occurs.
- After cleaning the needle, restore the nozzle to the original condition and confirm that it is securely attached.

Letter of Guarantee

1. This product has passed the inspection conducted with our company. The product will be subject to repair or replacement, free of charge, of any failure or broken part, if it fails or a breakage should occur during the guarantee period under the condition of normal use, caused by a defect in the design or manufacture by our company.
2. The Period of Guarantee: One (1) year starting from the date of delivery.
3. Any repair work or replacement for any failure or broken part of the above-mentioned guarantee will be conducted by the user under his own expense.
4. In the event of any breakage caused by an unauthorized repair or modification conducted by other person than our company, or not in accordance with the specifications provided by our company, or by your own will or neglect, blindness or error of management by you or your organization, or due to natural disaster, act of God, act of force majeure such as fire, natural calamity, act or omission of God, injury failure or breakage caused by any other reason that cannot be attributable to our company.

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