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Specification of Premium Ion Gun
KSHP02

Notice Before Use

- ❖ The device is not explosion proof. Keep it away from inflammable gas and solution in that it may cause fire or explosion.
- ❖ Make use of dry and clean air in order not to affect ionization performance.

The ionizing air gun is a hand held device designed for elimination of static electricity and contaminations. External power supply is unnecessary since the device has a small built in HV power unit.

The Ionization performance is tested according to EOS/ESD STM3. 1-200

Power supply voltage	DC24V
Capacity	12VA
H.V Output	AC2200V
Safety Performance	Equipped with ion output monitoring system
Decay time	About 0.3 seconds
Ion balance	Auto ion balance, $0 \pm 10V$
Operating air pressure	0.1~0.6MPA
Ozone Density	Less than 0.01ppm
Weight	106g
Accessory	Controller and power supply cord
Controller dimension	120 x 92 x 71

NOTE: The test results will vary slightly due to different test conditions.

Being light, small and free from electromagnetism with built in piezoelectric high voltage power supply. Thus, it is equipped with auto ion balance system and high voltage.

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Features

- The lightest and smallest design in the world today.
- Built in piezoelectric high voltage power supply. Thus, it is equipped with auto ion balance system and high voltage wiring; safe and convenient to operate.
- Both the inside high voltage power supply and outside compressed air supply can be opened after pulling the trigger. Safe and easy operation and high efficiency.
- Equipped with ionization indicator light and high voltage abnormality alarm indicator light.
- Auto ion balance $0 \pm 10V$
- The throttle on the controller controls air volume.
- Special alloy discharge needle, durable and wearable; suitable for clean room application.
- Controller and power supply cord are standard accessories.
- The device is equipped with abnormal HV alarm. The red alarm indicator light luminates when the following situations occur:
 - 1: Low output HV
 - 2: Short circuit
 3. Abnormal discharge
 4. Wet air supply
 5. Turn on and off the device quickly.

Usage of Air Filter

Installation:

Connect the filter to the plug part joining with the gun air pipe.

Connect the plug part with the controller after pressing both sides of the top of the controller.

Pay attention to the inlet and outlet of the air filter.

Specification:

Air Input	Compressed Air
Filting Precision	0.01 μm
Temperature range	5- 40°C



- 1: Pay attention to the inlet and outlet of the air filter
- 2: Make sure the input air is free if water and oil.
- 3: Avoid sunshine and use the filter inside the room.

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