

Low voltage and high frequency
ionizing air gun
KG-5



Technical Parameters

Category	Parameters	Category	Parameters
Input voltage	DC24V	Ion generation mode	High frequency AC type/ 68KHz
Output voltage	2200V	Ion balance	0±15V
Airflow applied	Clean air(without water and oil)	Ozone concentration	≤0.45ppm(50mm)
Air pressure application range	0.1~0.5MPa	Tube diameter	φ6
Applied environment temperature	0~40℃(no water drop condensation)	Filter precision	40-60μm
Applied environment humidity	30~70%RH	Air flow rate	≤120.6L/min (0.4MPa)

Test conditions working voltage:DC24V testing voltage: ±1000V-±100V Temperature: 0℃±40℃

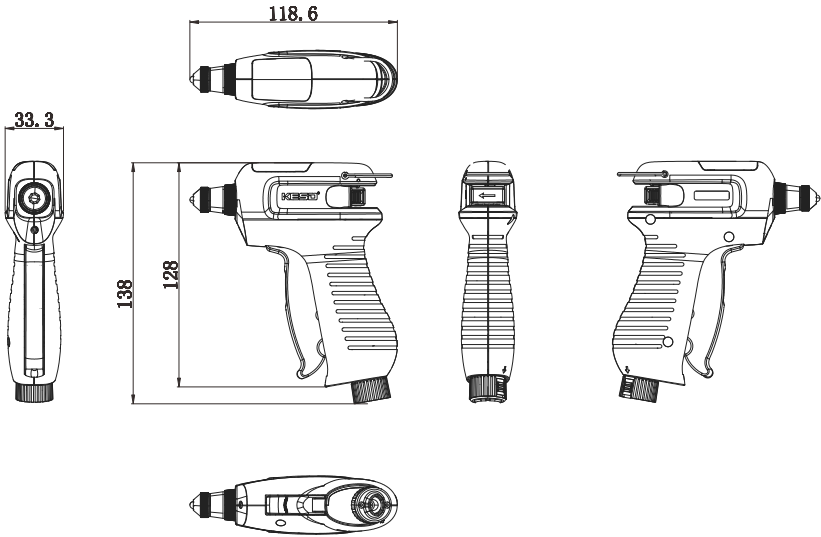
Distance	Decay time (+/-)	Ion balance (+/-)	Remark: The above data is in specific environmental conditions.
150mm	0.5s~0.6s	0±15V	
300mm	0.8s~0.9s		

Features

- 01 Small in size, flexible and safe to use.
- 02 Static electricity can be removed from the point to the large area.
- 03 Built-in high pressure system to automatically adjust ion balance. The ion balance can reach 0±15V.
- 04 Built-in filter to improve the purity of compressed air and reduce noise.
- 05 Piston air flue design with large air volume, to get a fast decay time.
- 06 A variety of different air nozzle fittings are available, which are widely used in the different ESD fields.
- 07 The handle part is more ergonomic, simple and flexible to operate.

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Dimension :138*118*33.3mm Weight:175g



01 **Spray head**
Different spray heads optional (refer to nozzle head specification)

02 **High voltage module**
Spray needle/high voltage generator (refer to nozzle specification)

03 **Power**
Fastener equipped on the connector which is not easy to break off

04 **Indicator**
Power indicator
H.V normal indicator
Clean reminder
H.V alarm

05 **Infrared laser**
Easy to find the positioning of the object

06 **Pothook**

07 **Trigger**
Press the trigger to release the ions