

## 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	Clear air (without water and oil)	Ozone concentration	<0.03ppm
Air pressure application range	0.05-0.5MPa	Tube diameter	φ6
Applied environment temperature	0-40°C (no water drop condensation)	Filter precision	40-60μm
Applied environment humidity	30-70%RH	Filter efficiency	50%

**Test conditions** working voltage:DC24V testing voltage: ±1000V-±100V Temperature: 0°C±40°C

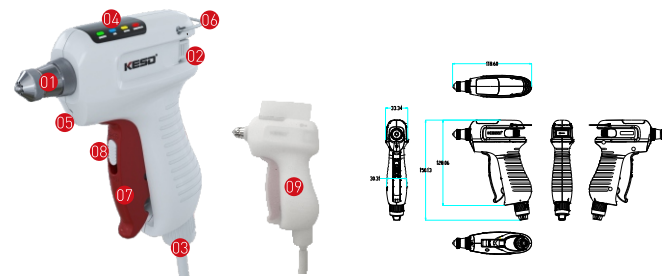
Distance	Decay time (+/-)	Ion balance (+/-)	Remark: The above data is in specific environmental conditions.
150mm	0.5s/-0.6s	0±15V	
300mm	0.8s/-0.9s		

### 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.
- 08 Trigger to switch the function of 'gas-electricity synchronization' or 'first gas and then electricity.'
- 09 Equipped with professional explosion-proof sleeve, which can realize the purpose of static elimination in explosion-proof environment (optional accessory).

### Ionizing air gun KG-5

Dimension/150.13×118.6×33.34mm 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
- 08 **Trigger slider**  
Upwards: "gas-electricity synchronization"  
Adown: "first gas and then electricity."  
(Suitable for flammable and combustible fields)
- 09 **Explosion-proof sleeve (Optional)**