

## KG5 IONIZING AIR GUN (0±15V)



SKU: 151512A



### KG-5 COMPRESSED AIR IONIZER

**KG-5 - Ionizing air gun for the removal of electrostatic charges** in EPA areas.

Small, handy and ergonomic, it can remove static electricity from one point to a large area.

A built in **high-voltage system** automatically adjusts the ion balance.

A special **filter** improves the cleanliness of compressed air and reduces noise at the same time.

It can work in **2 modes**. Pulling the trigger, it is possible to switch between "Gas electric synchronization" [it activates the air first and then the high voltage] and "Gas electric first" [it first activates the air, and then the high-voltage: useful in environments subject to particular fire and anti-explosion regulations] functions.

#### Specifications

- Input power: 24 Vdc
- Output voltage: 2200 Vac
- Operating temperature: 0÷40 °C
- Ion generation mode: HF AC 2200 Vac
- Ion balance (30 cm distance):  $\leq 0\pm 15$  V
- Ozone concentration (200 mm distance):  $< 0.03$  ppm



- Filtration efficiency: 60% - Accuracy: 40-60  $\mu\text{m}$
- Dimensions: approx. 147 x 118 x 33 mm.

**Test results\***

- **Distance 150 mm:** Static decay time (+/-): 1.3 / 1.4 s - Residual voltage:  $0 \pm 15 \text{ V}$
- **Distance 300 mm:** Static decay time (+/-): 1.9 / 2.0 s - Residual voltage:  $0 \pm 15 \text{ V}$ .

\* Operating voltage: DC24V - Test voltage:  $\pm 1000\text{V} \pm 100\text{V}$  - Temperature:  $0^\circ\text{C} \pm 40^\circ\text{C}$ .

ATTENTION: KG-5 requires an external compressed air supply (NOT included) to function.

**Scope of supply:** KG-5 ionizer equipped with Silencer spray head - AC/DC power supply unit – Power cable – Compressed air hose ( $\varnothing 6$ ) – 3 x O-Ring.

**Available accessories** (NOT included): Air nozzle for a different air blow.

**Further details about the supply:**

How to connect the power cable to the supply unit so that it can faste well: