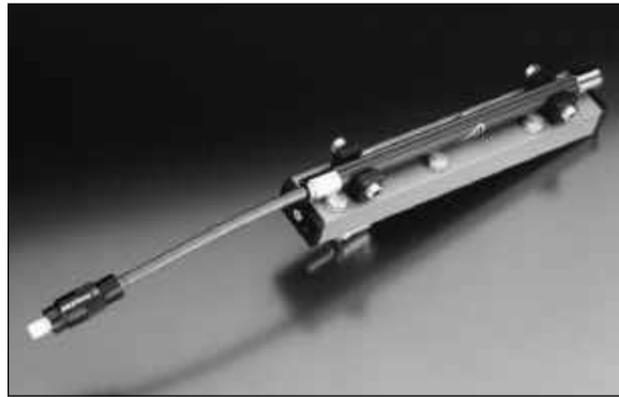


# HAUG Ionization - for the elimination of electrostatic charges



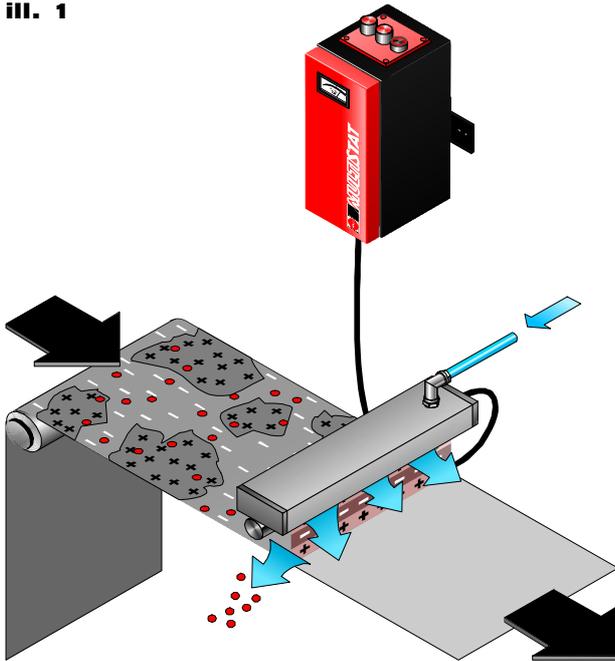
## Uno Air Gate

The **uno air gate KL GK** is a tested and proven unit which is used in production to eliminate electrostatic charges, dust and associated interferences in the best possible way. The exchangeable precision nozzles which are arranged offset in two rows shape the air stream into a defined flat jet. Once neutralized, the particles are mechanically removed by means of the air stream.



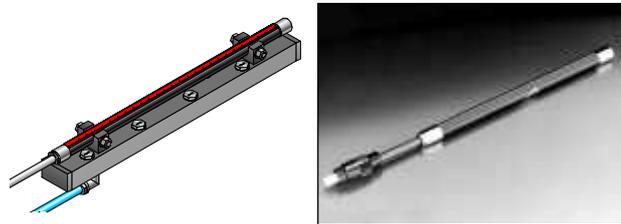
**KL GK**

iii. 1



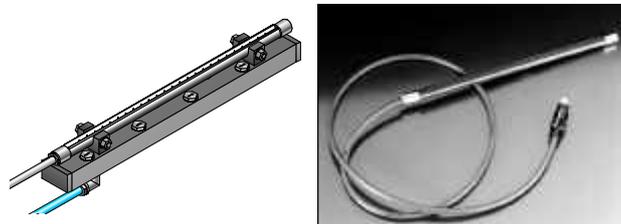
## Uno air gate + EI RN

Surface charges which affect production can be removed reliably and effectively, even at high operating speeds, by using the **EI RN** ionizing bar. Special wear-resistant electrodes guarantee long service life. The ionizing bar is absolutely safe to touch.



## Uno air gate + EI VS

Apart from all other advantages of the standard version, the **EI VS** ionizing bar is characterized by a significantly increased performance. Like the **EI RN**, the **EI VS** is fitted with the unique co-axial plug-and-socket connection HAUG system X-2000.



## Combination with ionizing bars

To complete the **uno air gate KL GK** unit, the basic air gate structure can be combined with one of the following ionizing bars from the HAUG product range:

- Ionizing bar **EI RN**
- Ionizing bar **EI VS**
- Ionizing bar **EI Ex T**

The HAUG ionizing bar **EI Ex T** is intended for use in areas with potentially explosive atmosphere. A suitable HAUG power pack provides the high-voltage supply.

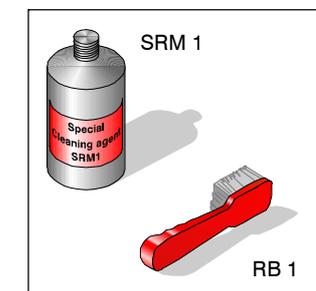
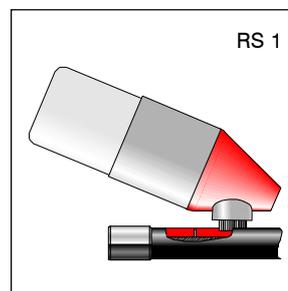
## Applications

Due to their considerable impact on quality, dust layers are of particular concern during painting of metallic or plastic parts. HAUG air gates have proven their value in the following industries and applications:

- automotive industry
- glass industry
- furniture industry
- surface treatment of paper, leather and plastic webs
- on laminating and coating equipment

## Cleaning and maintenance

Careful cleaning and maintenance ensure a long service life for HAUG air gates. Regular cleaning with the special cleaning system **RS 1** and special cleaning agent **SRM 1** is therefore a condition for consistently high efficiency of the equipment.



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**KL GK**
**Technical data uno air gate**

Types: **KL GK** 200 – 1500 mm Order-No.: 06.0519.000  
**KL GK** 1510 – 3000 mm Order-No.: 06.0519.001

Dimensions: 50 x 110 mm (W x H)

Lengths: 200 – 3000 mm  
 Special lengths on request.  
 Base structure for one ionizing bar.  
 Please order ionizing bar separately.

Nozzle: Precision flat jet nozzle.  $\varnothing$  0.4 mm,  
 air discharge 60°, nozzle spacing 50 mm,  
 offset into two lines.

Operating temperature: +5 °C to +45 °C

Storage/transport temperature: -15 °C to +60 °C

Smallest bending radius (cable): R 50

Subject to technical changes!

**Suitable power packs**

Connectable lengths (ionizing unit incl. high-voltage cable):

EN SL	max. 5 m
EN SL LC / EN SL RLC	max. 10 m
EN 8 / EN 8 LC	max. 18 m
Multistat	max. 18 m
EN 70 / EN 70 LC	max. 2 x 18 m

