

HAUG Ionization - for the elimination of electrostatic charges



HAUG discharging systems

serve to neutralize electrostatic charges. These disruptive electrostatic charges can be found on various material webs, where they interfere with the production process and attract dust particles as well as other quality-reducing substances. Affected are all branches of industry where materials with poor electric conductivity are processed.

Segmental ionizer EI Form

The HAUG Segmental ionizer **EI Form** has proven its value in the removal of electrostatic charges in the packaging industry and in the medical technology. Production-interfering surface charges can be removed reliably and effectively with the **EI Form** (ill.1).

The Segmental ionizer is an ionizing unit which can be adapted to convex and concave shaped surfaces. This unit is available with up to a maximum of 20 segments with a maximum bending radius of 135 mm.



EI Form

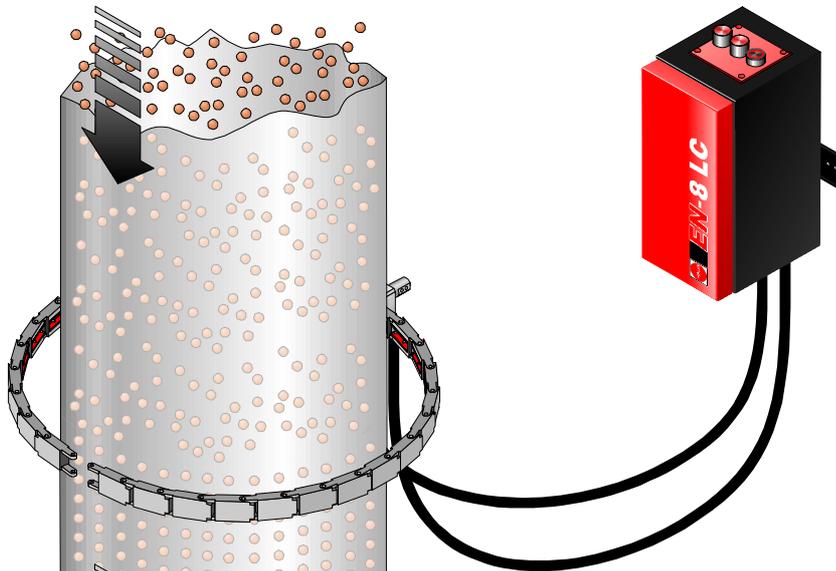
HAUG Ionization systems

HAUG Ionization systems consist of the following components:

- a power pack with an integrated high-tension transformer and
- one or several connected ionizing devices, such as the Segmental Ionizer **EI Form**, supplied by the power pack with a voltage of 7-8 kV_{AC}.

ill. 1

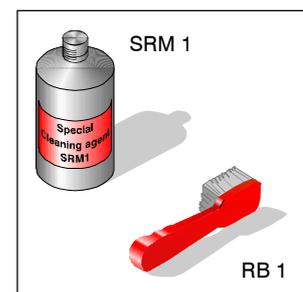
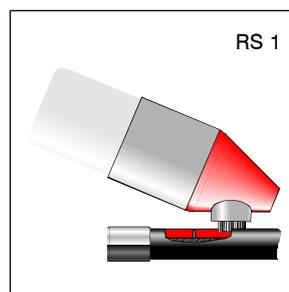
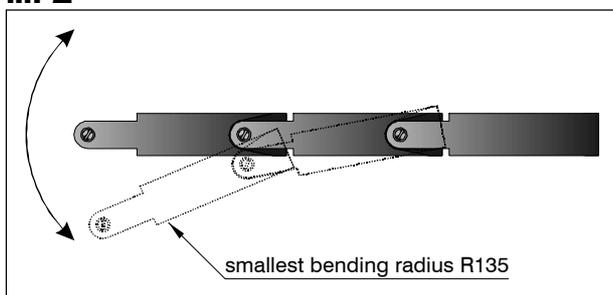
EI Form



Special features and advantages

- Its flexible construction offers a wide range of applications.
- The ionizing electrode can be adapted to any curved surfaces.
- The configuration of this unit is flexible and adaptable. The number of segments can be chosen freely (max. 20).
- The ionizing unit is operator-friendly and safe to touch.

ill. 2



Cleaning and maintenance

Regular cleaning with the HAUG special cleaning agent **SRM 1** and the cleaning kit **RS1** guarantees constant efficiency of the ionizing unit.

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Static Line - Segmental ionizer EI Form





EI Form

Technical data EI Form

Type: **EI Form** Order-No.: 03.8200.000
 inseparable high-voltage cable,
 attached permanently to the ionizer.
 cable AK-Flex Order-No.: 06.2002.000

Dimensions per segment: 12 x 26 x 60 mm (HxWxD)

Bar length: Number of segments x 48 mm
 20 segments max.

Operating temperature: +5 °C to +45°C

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

Optimum effective distance: 20 – 30 mm

Mains cable: approx. 2.6 m; fixed to the device

Smallest bending radius: R 135

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 |

