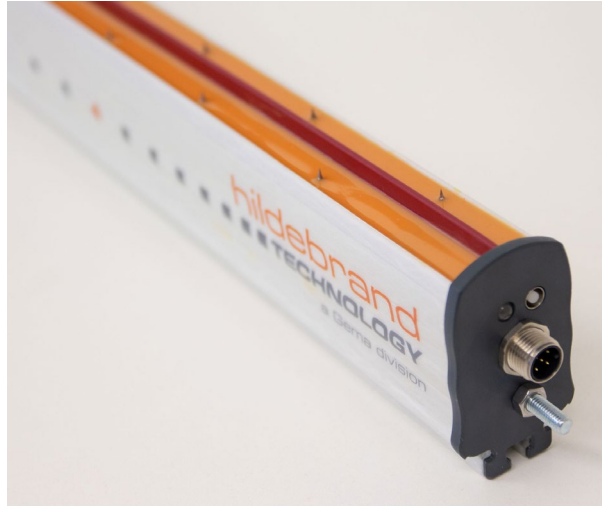


Application Description

Charging technology of air filtration material



With the 20kV **iON**charge 4.0 high voltage generator nonwoven and tissue materials can be easily charged in order to improve the filtration properties significantly.



**Charging of filter material
increases filter efficiency**

Application Description

Electrostatic charging nonwoven and tissue material

Air filter material can be charged by electrical field. The electrical surface potential increases the filtration efficiency and filters easy nanoparticles. The number of charging bars depends on the material and web speed. The **iONcharge 4.0** high voltage generator can be perfectly placed as a single or multi bar arrangement.

Key Features:

- High voltage generator integrated in the charging bar; 24V DC supply
- High peak grids for maximum charging power
- Improves filtration efficiency for nanoparticles
- Charging of nonwoven and tissue material
- Easy integration into production environment
- Single or Multi bar arrangement

Find out more @

https://www.hildebrand-technology.com/en/products/electrostatic_charging/iontacker_fusion

Grid electrode arrangements

