

# Ionization System for Pharma Packaging Line

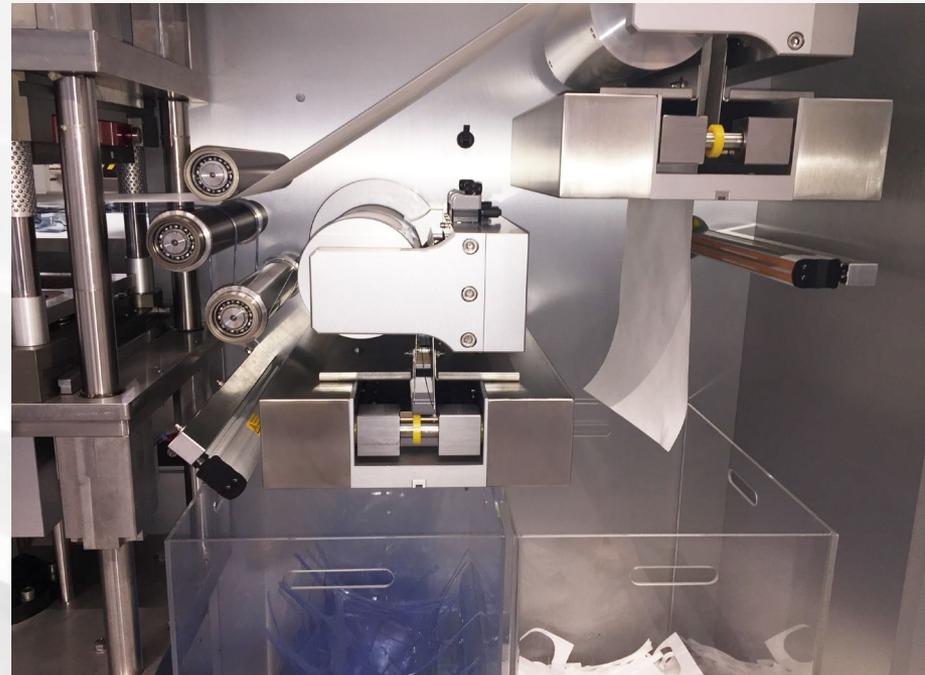
## Rohrer AG Switzerland

Width: 440 mm  
Speed: 100 m/min  
Mach.: Blister machine R960  
Material: BOPET / Tyvek  
iONstream FUSION

OFF = > 20kV

ON = < 200V

**Perfect  
neutralizing**



High residual electrostatic charges Leads to blocking of Knife-sections & line down time!

## Customer Overview

### **Rohrer AG Switzerland**

- As technological and market leader, Rohrer AG supplies all reputable FFS machine manufacturers and a large section of the packaging industry with forming and cutting tools.



## System Key Features

- High voltage generators encapsulated inside bar profile
- Intelligent via embedded Micro-controller
- 24V DC supply voltage; no HV cables!
- Stand alone and network capability
- IPC, LAN & M2M scenarios in machine networks
- Local multi function status LED

### AUTO<sup>DC</sup>® Technology

- Automatic correction towards needed polarity on substrate
- Sensing charge value and polarity
- 100% discharging, no "zebra" – residual charge
- Detect and real-time-capable residual charge communication



## General System Description



**iONstream Fusion** is a microcontroller driven static neutralizing system with an integrated onboard high voltage generator. The heart of the neutralizing technology is the patented 'Auto DC' operation mode. The system automatically adapts the correct discharging polarity and neutralizes the charged substrate in a most possible

perfect efficient way. When working in potentially explosive and hazardous areas, the product line is certified with ATEX approval for zone 1/21, which is the highest safety level for discharging electrodes.

**iONstream Fusion** can be controlled and monitored by **iONpilot** Industrial APP, which enables a direct access to the data parameters of the discharging and cleaning process via touch-panel.

