

OptiFlow ProX

Robust injector with single-component cartridge design for superior powder flow consistency



The first choice in injector technology

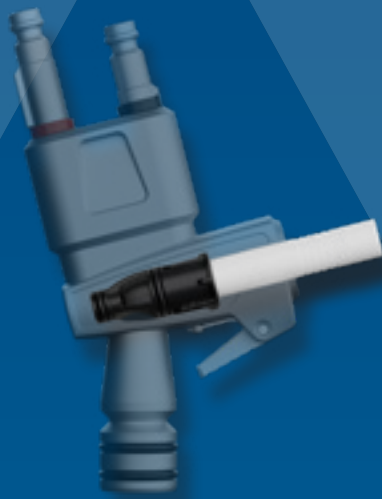
Benefit from the most advanced injector technology on the market!

The robust OptiFlow ProX injector ensures even greater long-term consistency and repeatability of the powder flow. The injector's unique single-component cartridge design reduces wear consumption, guarantees consistent powder flow and enables even faster wear part exchange.

Your global partner for high quality powder coating

 **Gema**

State-of-the-art injector technology



Single-component cartridge design

The latest generation of OptiFlow injectors further optimizes the proven Venturi principle, delivering enhanced transfer efficiency while minimizing wear for maximum performance and reliability. Gema uses the single-component cartridge design to consistently and gently transport the powder from the powder hopper to the powder gun. This maintains optimum powder conditions and ensures minimal wear part consumption.

By simply exchanging the innovative single-component cartridge incorporating the insert sleeve and conveying nozzle, the injector performance is optimally maintained.

The usage of fewer parts and the seamless design of the injector improves the ability for fast color change.

Leading injector technology – «Plug & Convey»

All connections are equipped with a robust quick release mechanism, disconnected and reassembled with ease. This «Plug & Convey» feature reduces maintenance and accelerates the color change time.

Key features OptiFlow ProX injector

- Cartridge design merges insert sleeve and conveying nozzle into one single component
- Powder outputs of up to 450 g/min can be achieved, depending on hose length and diameter
- Quick release design for the powder hose
- Single-component cartridge design
- Cartridge sleeve made from high quality non-stick materials
- Robust diecast injector housing
- Robust and tight air connections



Precise and reliable powder flow

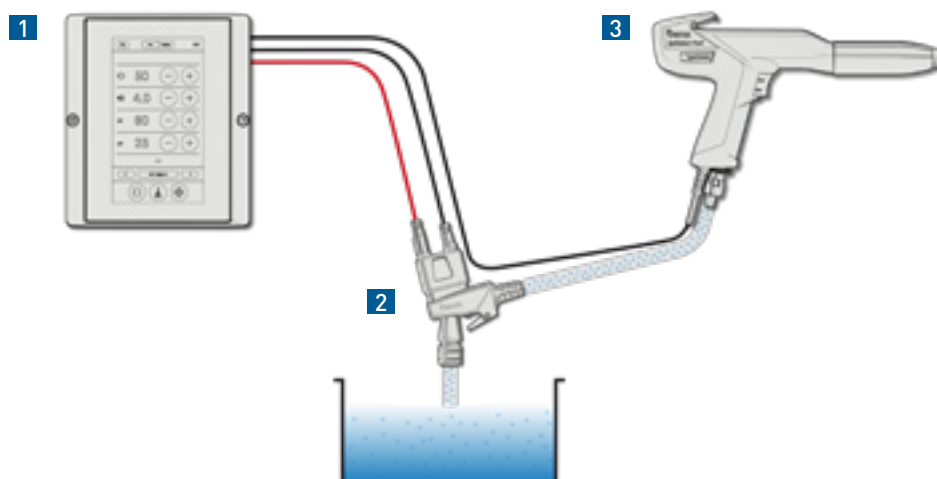
Customer benefits of the OptiFlow ProX injector

- Innovative single-component cartridge design for stable powder output
- Consistent powder flow for uniform film thickness
- Engineered for fast, efficient and reliable color change
- Quick and easy maintenance through simple replacement of the easily accessible cartridge
- «Plug & Convey» function for fast color change and cleaning
- Easy integration into existing coating systems



Perfect component interaction for optimum coating results

- 1 The OptiStar® ProX control unit precisely controls and adjusts all pneumatic and electrostatic parameters of the application.
- 2 The OptiFlow ProX injector precisely conveys the powder from the powder supply to the gun ensuring consistent powder flow and uniform powder output.
- 3 Gema powder guns offer the highest transfer efficiency and perfect quality for every application and are the ideal solution with frequent color change.

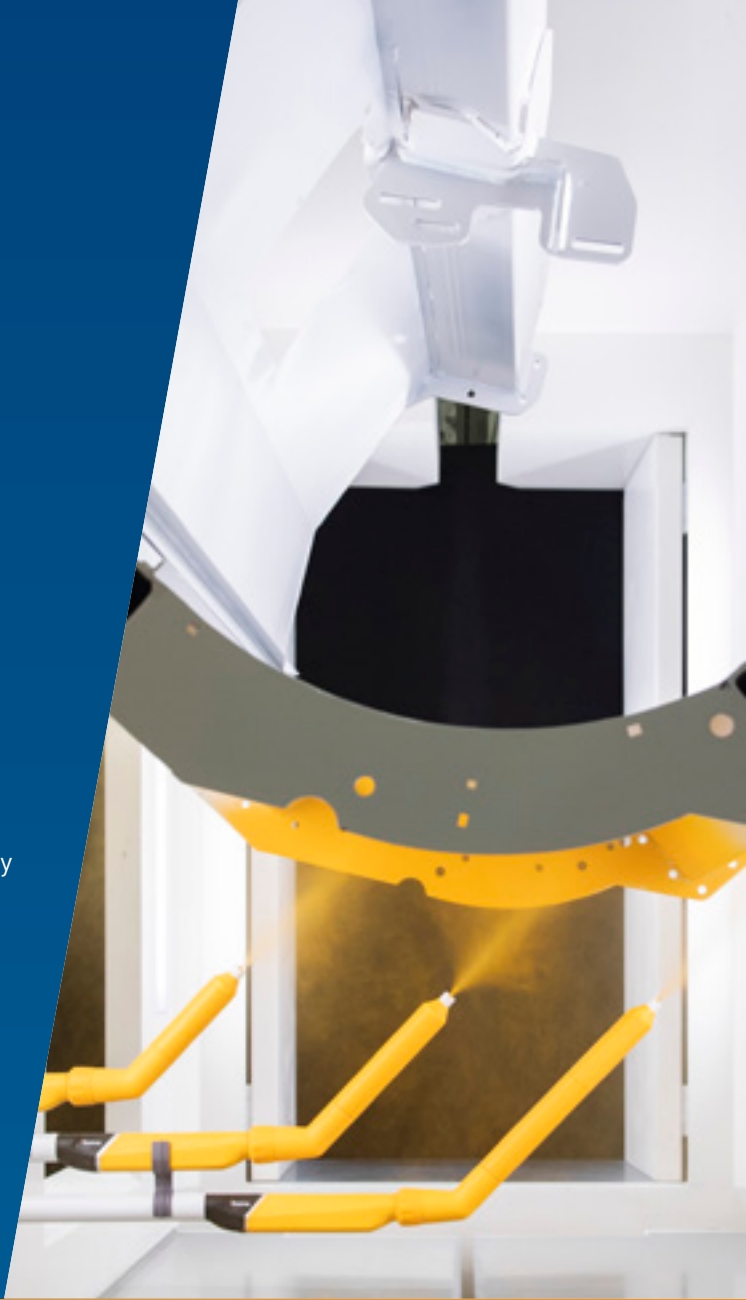


Gema Switzerland

Your global partner for high quality powder coating

Take advantage of our expertise and experience from more than 50 years of electrostatic powder coating applications. From simple hand coating through to fully automated powder coating, we offer solutions that meet the demands and requirements of customers around the world in a wide range of industrial sectors. A global service network ensures you always get professional support, at any time and any place!

Gema is part of Graco Inc. Our goal is to help our customers to increase their productivity while creating attractive, long-lasting products. Our experts continually set new standards in the surface coating industry.



Gema Switzerland GmbH reserves the right to make technical modifications without notice. Illustrations in brochures may contain special options and do not necessarily correspond to the standard version. All trademarks of Gema Switzerland GmbH are listed on the website.

Gema Switzerland GmbH

Sommerraustrasse 5 | 9200 Gossau | Switzerland
T +41 71 313 83 00 | www.gemapowdercoating.com

