

OptiSpray® AP02

Stable and reproducible powder output



Superior results and fastest response times

OptiSpray AP02 is the latest generation of dense-phase pumps with the Smart Inline Technology (SIT) and your first choice for high quality coatings over long production periods that require stable and reproducible powder output and fast color changeability.

The pump's unique single-chamber system ensures gentle powder flow, consistent coating results, substantial powder savings and maximum serviceability.

Your global partner for high quality powder coating



Repeatable coating quality

Stable and reproducible powder output

Dense-phase technology is designed for users with the highest quality standards and uncompromising demands for process reliability. OptiSpray AP02 application pump delivers consistently reproducible, high quality coating results – even over extended production runs. Engineered for efficiency, the pump features a design optimized for rapid color change, minimizing downtime and maximizing productivity. With Smart Inline Technology (SIT) and its unique single-chamber system, the OptiSpray AP02 ensures a linear and exceptionally precise powder flow. The result: uniform coating quality and outstanding control throughout the process.

The system's constant powder delivery enhances transfer efficiency and enables significant powder savings, reducing both material consumption and operating costs.



*Tool-less access to wear parts;
quickest assembly and disassembly*

Fastest maintenance:

Modular process zone with quick-release fasteners and easy access to cartridges for pinch valve and filter changes.

Main features OptiSpray AP02

- Latest generation of dense-phase technology: Smart Inline Technology (SIT) for linear and reproducible powder output
- Highest cleaning efficiency due to straight path design, shortest powder suction distance and bi-directional cleaning
- Compact design for perfect system integration
- Constant powder output over long production times
- Short pneumatic connections
- Use of durable components
- Automatic cleaning program for color change
- Automatic wear part diagnosis
- Fast and easy maintenance thanks to tool-less access to all wear parts
- CAN-Bus for integration into higher-level systems



Easy integration and maintenance

Best coating results and fastest response times

- Consistent, gentle powder flow for uniform film thickness and repeatability
- Stable coating quality over long production runs increases system efficiency and provides high application quality, optimum powder utilization and powder savings.
- Improved application performance for all powder types
- Fast-reacting and controlled powder output with immediate effect on the powder cloud delivering optimum coating results

Powder flow under control

- Consistent and precise powder output
- The unique single chamber pump provides linear and smooth powder flow, reproducible coating results and significant powder savings

Highest cleaning performance

- Highest cleaning efficiency through bidirectional and pulsed cleaning of the powder path

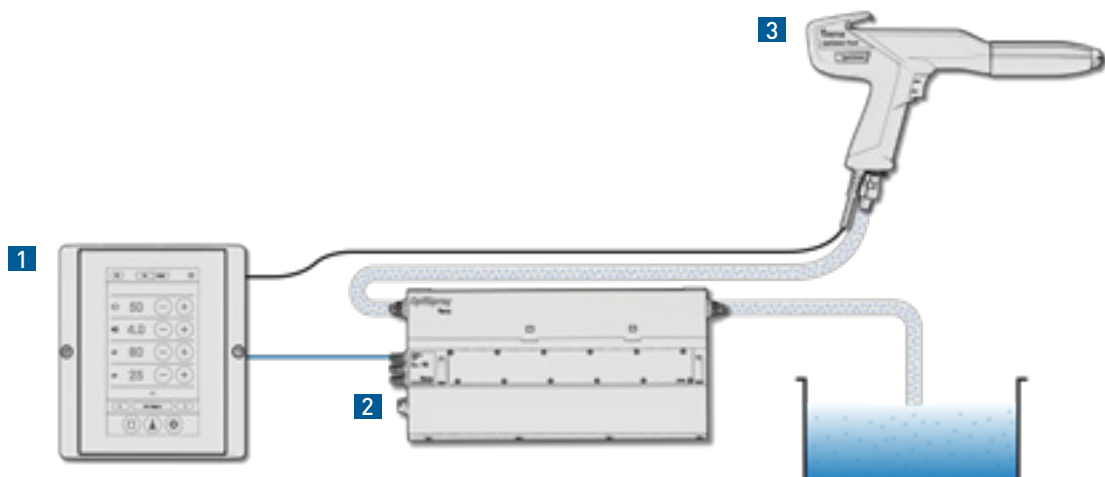
Maintenance was never so easy and fast

- Tool-less and fastest access to all wear parts



Perfect component interaction for consistently high quality coating results

- 1 The OptiStar® ProX gun control unit precisely controls all pneumatic and electrostatic parameters of the application.
- 2 The OptiSpray AP02 application pump precisely conveys the powder from the powder container to the gun and guarantees a constant powder flow and homogeneous powder output.
- 3 The Gema guns offer highest transfer efficiency and perfect coating quality and are ideal for frequent color change.

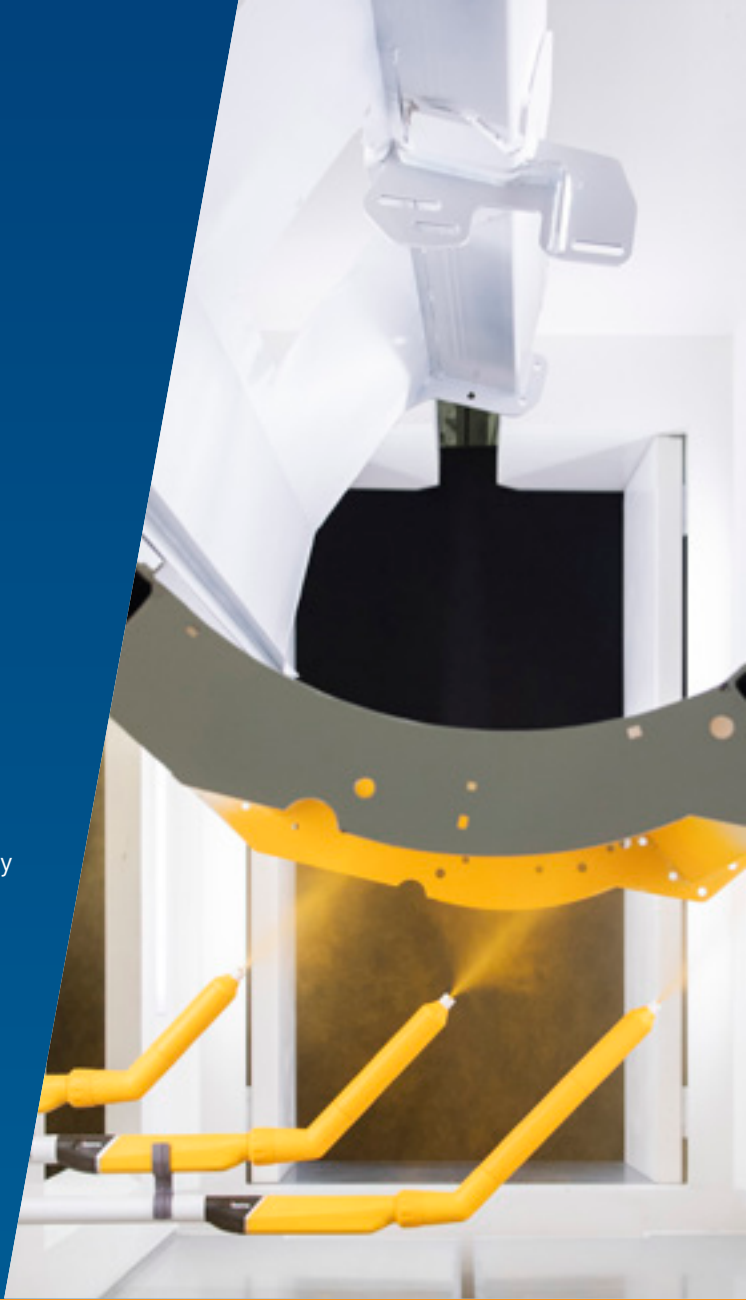


Gema Switzerland

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.



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