

OptiSpray AP01

The powder output always under control!



OptiSpray AP01 with SIT (Smart Inline Technology)

The OptiSpray application pump is your first choice for high quality coatings over long production periods that require fast color changes and stable powder output.

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

Your global partner for high quality powder coating



Reproducible results



OptiSpray AP01

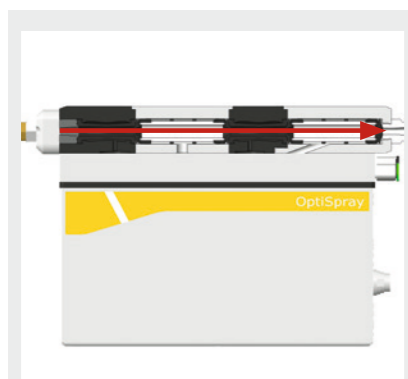
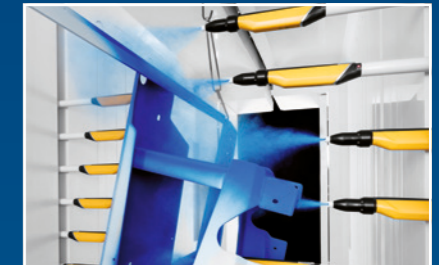
Stable coating quality over long periods of time

The dense phase technology is aimed at users who have to meet high quality requirements and place the highest value on process reliability. The OptiSpray AP01 application pump achieves consistent, reproducible, high-quality coating results over long production periods. The design of the application pump is optimally designed for fast color changes. The Smart Inline Technology (SIT) and the unique single chamber system of the pump ensure a linear and extremely precise powder flow. The constant powder delivery of the OptiSpray increases the transfer efficiency and helps to achieve significant powder savings.

Easy integration and maintenance

Customer benefits OptiSpray AP01

- Stable coating quality over long production times
- Reproducible coating results
- Up to 15 % powder savings
- Fast on/off switching of the guns
- Quick and easy color change
- Gentle powder transport
- High powder output even with long powder hoses
- Process reliability
- Easily accessible maintenance



Unique single chamber system with SIT concept (Smart Inline Technology)

Coating with AP01 application pump:

- Stable and reproducible powder output
- Powder hose up to 20 m

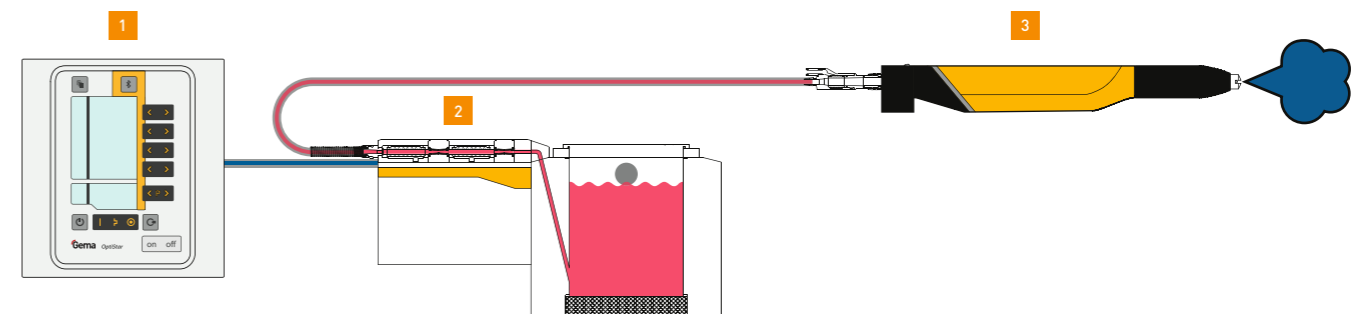
Main features OptiSpray AP01

- Unique single chamber system
- **SIT** Concept (**S**mart **I**nline **T**echnology)
- 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
- CANBus for integration into higher-level systems



Perfect component interaction for consistently high-quality coating results

- 1 The OptiStar control unit precisely monitors and controls all pneumatic and electrostatic parameters of the application.
- 2 The OptiSpray 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 changes.



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!

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