

# OptiFlex® 2 F Spray

any powder  
any part  
any place



## Manual unit for high powder output

The OptiFlex 2 F Spray unit in combination with OptiSpray AP01 application pumps delivers superior application performance over long production periods for manual coating with frequent color changes, applications requiring high powder outputs, such as hot coating, heavy-duty corrosion protection and other demanding applications.

The integrated AP01 application pump with its unique single chamber design and SIT technology ensures powder savings and stable coating performance.

With powder output of up to 600 g/min and extremely high efficiency, the best possible coating results are achieved.

Your global partner for high quality powder coating

**Gema**



### Especially configured for high film builds

The OptiFlex 2 F Spray is based on the successful OptiFlex 2 series of manual coating units from Gema. Developed especially for the application of high film build and large output volumes, the unit is equipped with two OptiSpray AP01 application pumps. This configuration guarantees perfect and stable coating results every time, even when working with the most difficult types of powder.

### Innovative powder gun

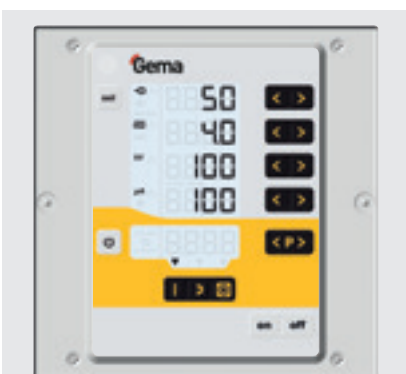
The integrated 100 kV cascade delivers the highest transfer efficiency. This means more powder on the work piece, less powder in the recovery system!



On-gun remote control gives the flexibility to adjust parameters without turning away from the work.

### Optimized nozzles for best results

New generation of spray nozzles provide excellent powder distribution and penetration needed to coat difficult geometries.



Three standard programs (flat parts, profiles and re-coat) are available on the control panel.

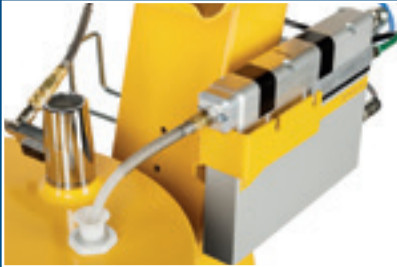
### Control functions for the future

Unprecedented precision control of current and voltage ensuring maximum efficiency and uniformity of coating.

For challenging powders such as metallic or special effect, OptiFlex 2 F Spray offers Precision Charge Control (PCC) ensuring greater accuracy and adjustability of current settings below ten microamperes (10  $\mu$ A).

The DVC (Digital Valve Control) of the control unit ensures accurate and repeatable settings of the powder output.

The clear display makes it easy to find the optimal settings in every condition. The result? Perfect coating quality, reproducible time after time!



### Version with 1 pump:

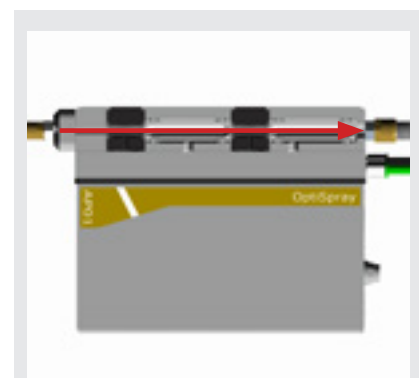
- For applications that require repeatable results and consistent coating quality
- Stable powder output of up to 300 g/min
- Best application performance
- Quick color change

### Version with 2 pumps:

- For applications that require highest productivity, high film builds for pre-heated parts
- Stable powder output of up to 600 g/min
- Highest efficiency
- Quick color change

### Benefits OptiSpray AP01

- Unique single chamber design
- SIT concept (Smart Inline Technology)
- Fast and easy color change
- Automatic wear part diagnostic
- Compact design for a perfect system integration
- Stable application quality over extended time and long distances
- Automatic cleaning program for color change
- Easy maintenance
- Up to 15% powder savings



### OptiFlex 2 F Spray with AP01 application pump:

- Stable and repeatable powder output up to 600 g/min (2 application pump setup)
- Powder hose up to 20 m

## Gema Switzerland

### Your global partner for high quality powder coating

Take advantage of our expertise and experience from more than 40 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. OptiCenter, MagicCenter, OptiSpeeder, MagicCompact, MagicCylinder, OptiFlex, OptiStar, OptiGun, OptiSelect, MagicControl, OptiControl and OptiFlow are trademarks of Gema Switzerland GmbH.

#### Gema Switzerland GmbH

Mövenstrasse 17 | 9015 St.Gallen | Switzerland  
T +41 71 313 83 00 | F +41 71 313 83 83  
[www.gemapowdercoating.com](http://www.gemapowdercoating.com)

