

Manual Spraying with Increased Surface Coverage

A new range of manual spray guns provides 110 kilovolts of charging capacity and 110 microamps of charging current at the press of a button. This additional power allows all types of coatings to be applied quickly and reliably.

Painting large areas with manual spray guns requires time and strength. Coaters can become tired and the quality of the coating may deteriorate as a result. For this reason, the new OptiSelect Pro manual spray gun developed by Gema is equipped with a button that provides 110 kilovolts of charging capacity

and 110 microamps of additional charging energy. This PowerBoost function results in increased surface coverage and a significant improvement in productivity. The maximum charging power of 110 kilovolts across the entire working area ensures that the powder particles are perfectly charged, regardless of the type of

powder. The spray gun and all the accessories in the new range of products have been designed, tested and certified for maximum operating safety. Despite its high power, the spray gun is both light in weight and well-balanced, while also being robust and durable.

High-performance application process and precise control

The PowerBoost function is the result of the interaction between the spray gun, the control system and the flat spray nozzle. Together these components provide excellent surface coverage and an enlarged powder cloud. This has the same effect as a broad brush stroke and allows the coaters to work quickly and apply the coatings perfectly.

The highly efficient application process, the precise control with the reliable DVC and PCC functions and the range of modern spray nozzles are just some of the other advantages of the new generation of



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The new manual range consists of powerful spray guns that are ideal for industrial use.

equipment. These manual spray guns can produce high-quality results in a short time over large areas, on parts with complex shapes and using challenging metallic powders.

Checks using a smartphone

The spray guns come as standard with the latest OptiStar 4.0 control system and are compatible with Gema's E-App. Coaters and production managers can monitor the productivity and maintenance data and access configuration and system information from their smartphones.

Integrated cleaning function

During colour changes, the integrated cleaning function can be used to clean the entire powder path from the injector to the tip of the nozzle at the press of a button. A PowerClean function is available as an optional extra for even more thorough cleaning. The housing of the control unit now has a non-stick coating to prevent powder from adhering to it. This considerably reduces the amount of cleaning work needed. An off-centre column provides more room for the powder hopper and allows for greater manoeuvrability, which makes the system easy to use.

Only one wear part

The guns are equipped as standard with the new version of the OptiFlow injector, which has only one wearing part. If this one-part nozzle is replaced, the injector is returned to its new condition. The OptiFlow produces measurable improvements in transfer efficiency. Some of the OptiFlow Pro models are available with the OptiSpray application pump which provides a highly consistent and reproducible powder output. //

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