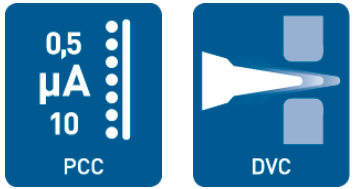
Easy for beginners, powerful for specialists

- You can use the **3 pre-set standard programs** or create your own **library of customized programs**, optimized for your parts and powder.
- Ideal charging with **PCC**, precise control with **DVC**, and several **advanced functions** for the most demanding applications
- Remote control and data collection via **Gema E-App**



Clear interface

Easy for beginners

Powerful for specialists

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Power on your fingerprints

- The **OptiStar 4.0** control features the most advanced technologies to control the powder application:
  - **PCC** technology allows to optimize the electrostatic charging even with challenging powders
  - **DVC** technology grants the most precise and repeatable powder output settings
- A clear and easy to use interface makes it easy for every user to take advantage of these powerful technologies

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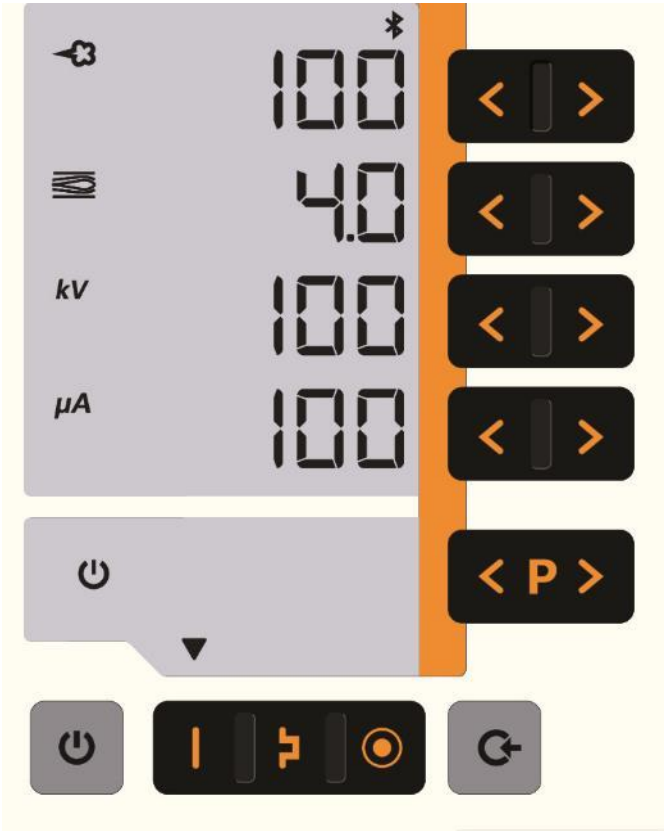
Easy control of the application parameters



Powder Output	[%]
Total Air volume	[Nm³/h] or [scfm]
High Voltage	[kV]
Spray Current	[µA]

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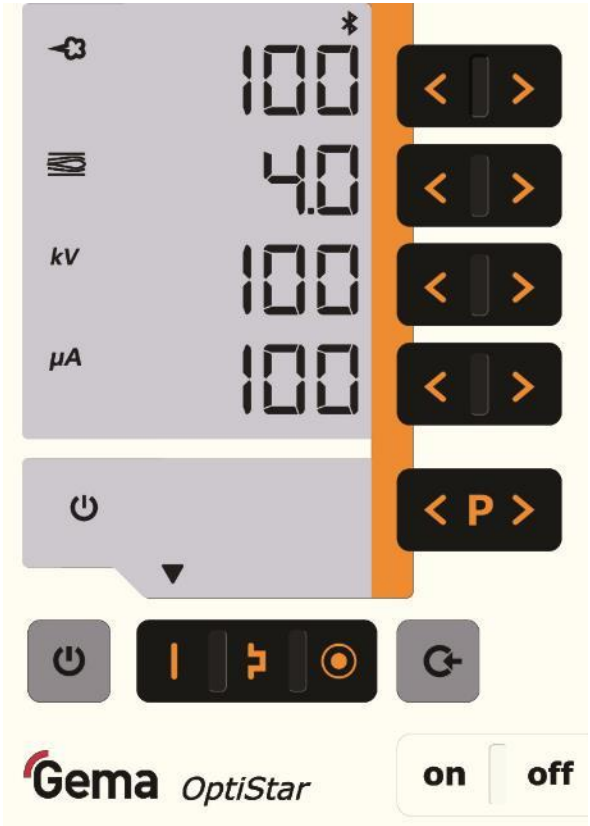
Pre-set application programs

- **3 pre-set application programs**, based on Gema's 50 years experience, are a great help for less experienced users.

The **flat parts program** is ideal for the coating of panels and flat parts.

The **complex parts program** is designed for the coating of three dimensional parts with complex shapes such as profiles.

The **recoat program** parts is optimized for the re-coating of parts which have already been coated.



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Application programs library

- Advanced users can create and easily recall their **library of application programs**
- Each program **includes all the application parameters** (powder output, air volume, high voltage, charging current)
- The programs are **automatically saved** and can be easily recalled when required
- Each part can be coated always with its ideal settings
  This strongly improves the application quality

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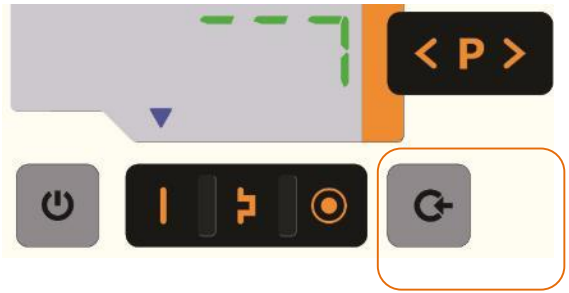
Advanced features

- **Precise Charge Control** (**PCC**) mode is automatically activated when Current is set below 10 µA
  - HV / Current display turns red

- **Rinsing** removes powder accumulations from the injector / hose / gun
  - Display shows a rotating green symbol



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Advanced features

- **Settable correction values** compensate external influences, such as different powder hose lengths
  This ensures that all guns in a plant have the same powder output
- **Precise calculation** of the powder output in the Gema E-App through output characteristics
- **The monitoring of the wear parts** is directly integrated in the Gema E-App
- **Keyboard lock** prevents accidental modification of the parameters
- In case of failure the display shows an error code for **easier troubleshooting**

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Gema E-App

The most **advanced and powerful** tool to manage the powder application and monitor the productivity of your equipment!

Connect via **Bluetooth** one or multiple OptiStar 4.0 gun controllers

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