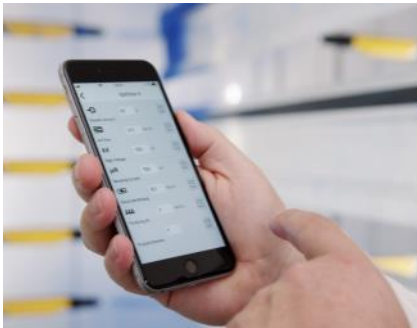


# Easy for beginners, powerful for specialists

- 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



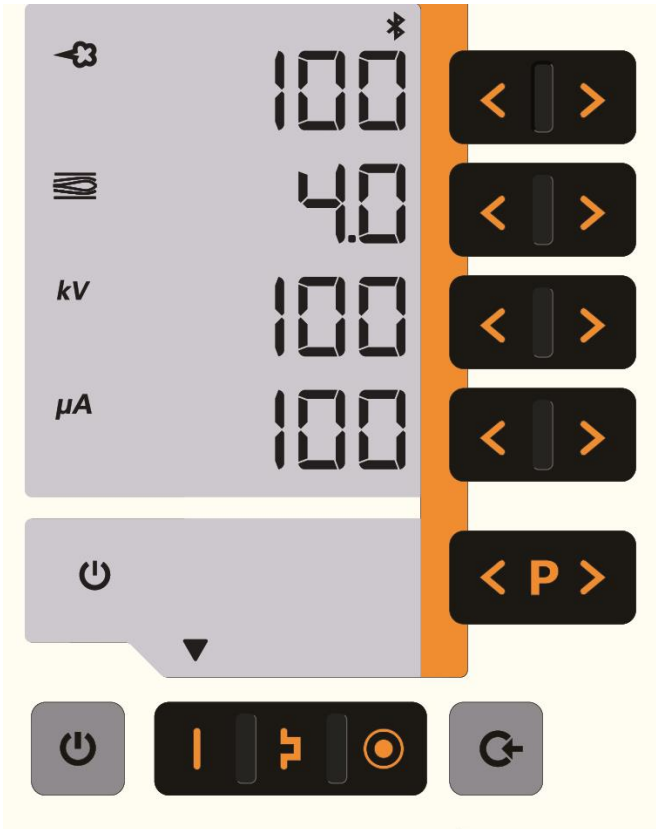
Powerful  
for specialists

# 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



# Easy control of the application parameters



Powder Output [%]




Total Air volume [Nm<sup>3</sup>/h] or [scfm]

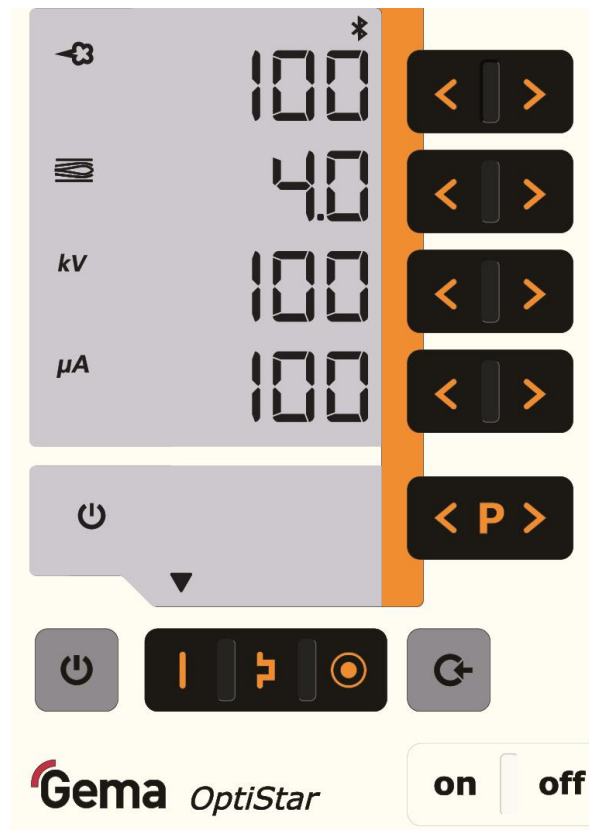
High Voltage [kV]

Spray Current [μA]

# Pre-set application programs

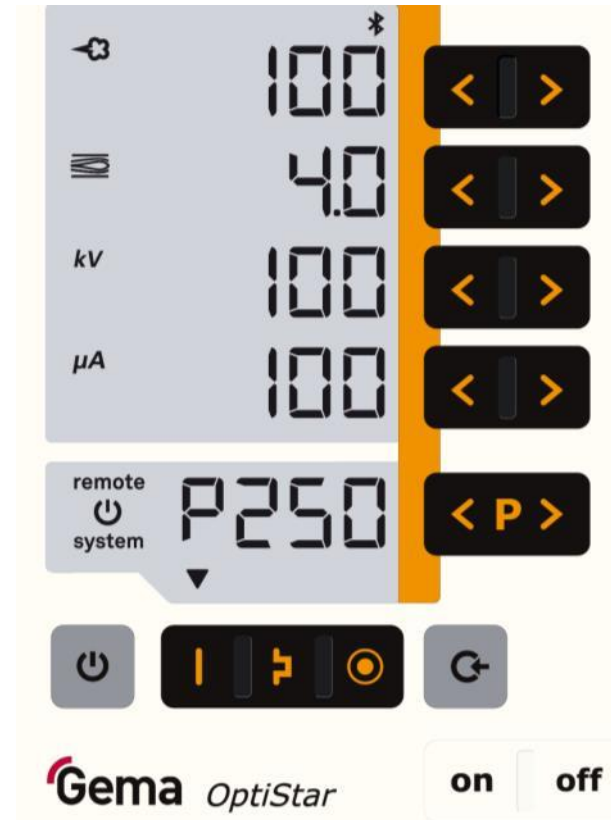
- **3 pre-set application programs**, based on Gema's 50 years experience, are a great help for less experienced users.

-  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.



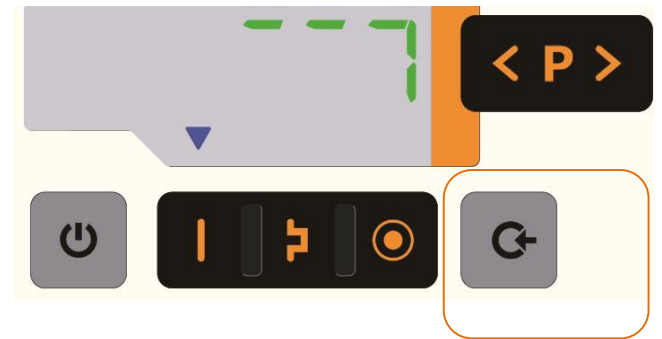
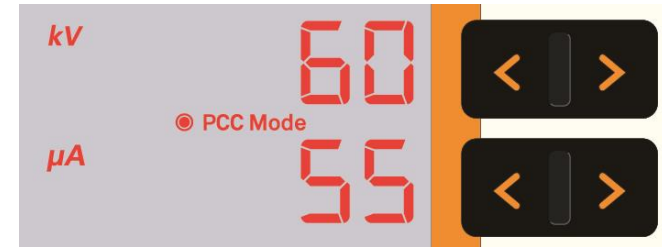
# Application programs library

- 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.**



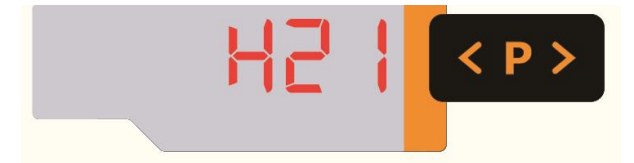
# Advanced features

- **Precise Charge Control (PCC)** mode is automatically activated when Current is set below 10  $\mu\text{A}$ .
  - HV / Current display turns red
- **Rinsing** removes powder accumulations from the injector / hose / gun.
  - Display shows a rotating green symbol



# 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**



# Gema E-App

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

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

