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
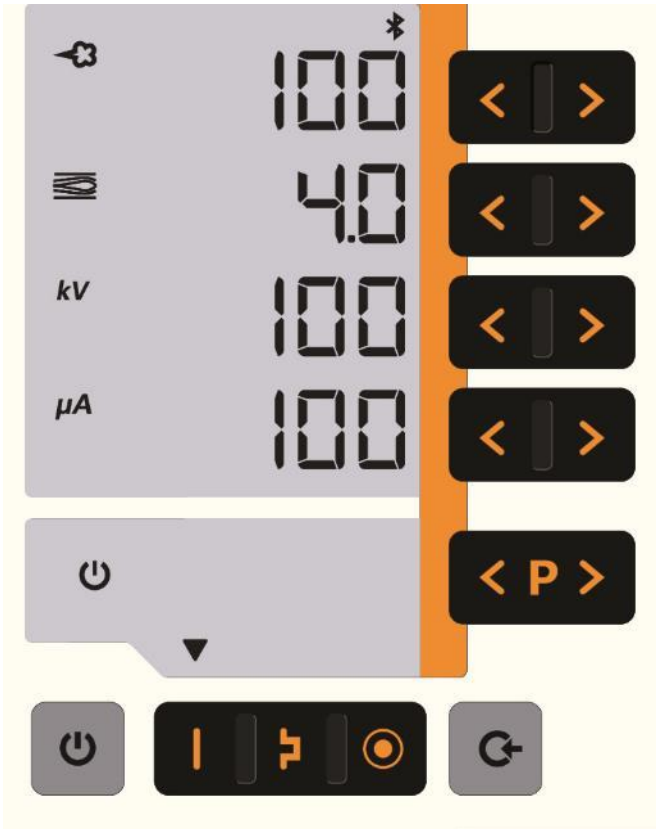interface**

**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:
  - o **PCC** technology allows to optimize the electrostatic charging even with challenging powders
  - o **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   [Nm³/h] or [scfm]

High Voltage   [kV]
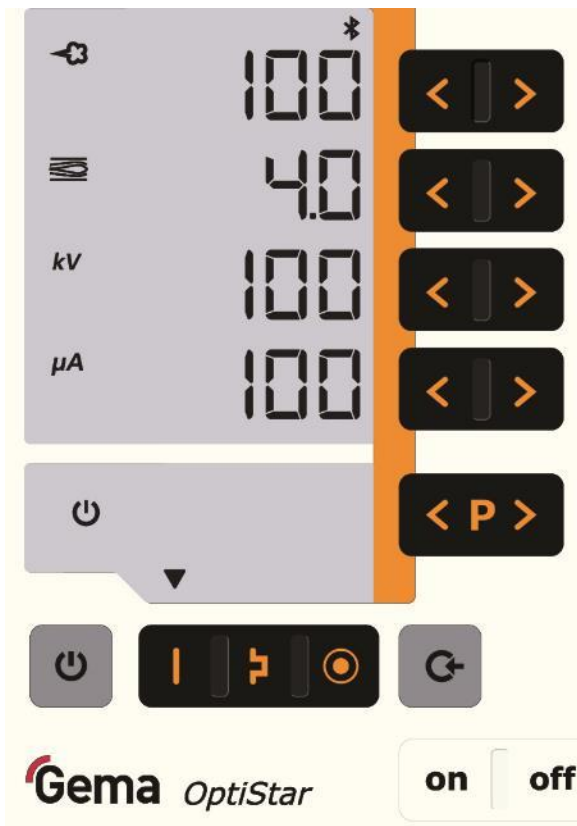
Spray Current   [μA]

3

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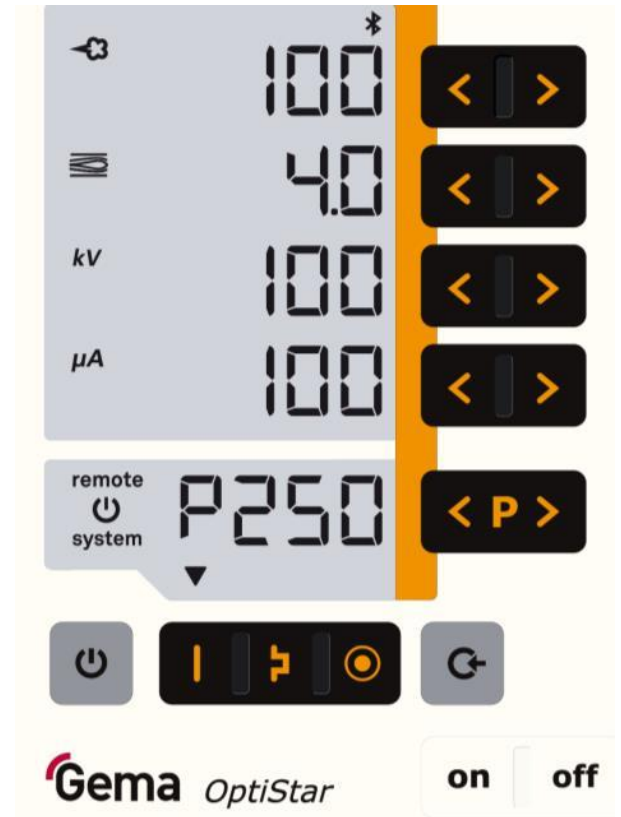
The **complex parts program** is designed for the coating of three dimensional parts with complex shapes such as profiles.

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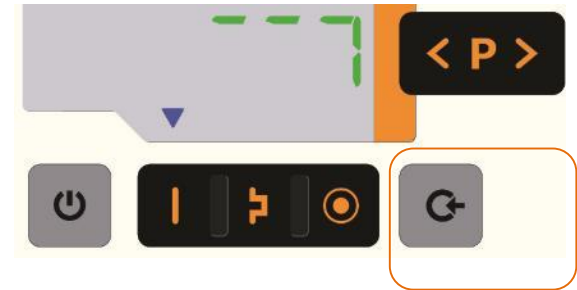
Application programs library

- 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 µA

  o HV / Current display turns red

- **Rinsing** removes powder accumulations from the injector / hose / gun

  o 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 equipment!

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