



OptiStar 4.0 / Gema E-App



Easy for beginners, powerful for specialists

The **OptiStar 4.0** offers **3 pre-set standard** application programs for flat parts, profiles and recoating based on Gema experience. Advanced users can create and store a **library of application programs**, optimized for their parts and powder.



Clear
interface

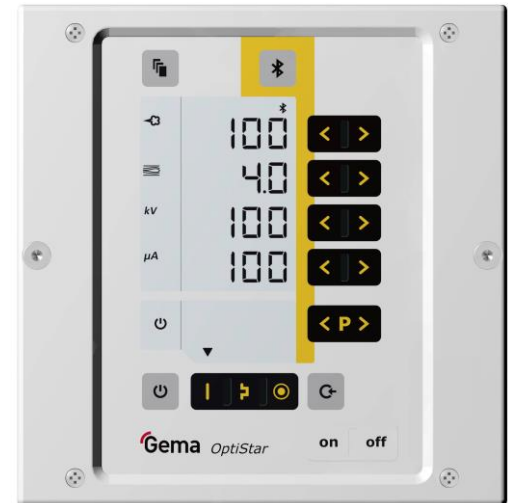
Easy
for beginners

Powerful
for specialists

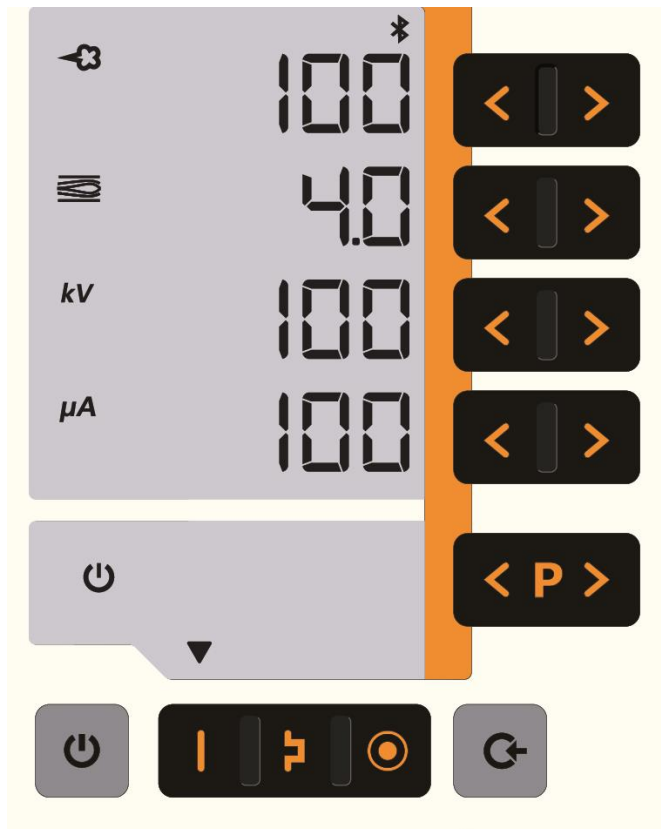


Power on your fingerprints

- 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 [Nm³/h] or [scfm]
- High Voltage [kV]
- Spray Current [μA]

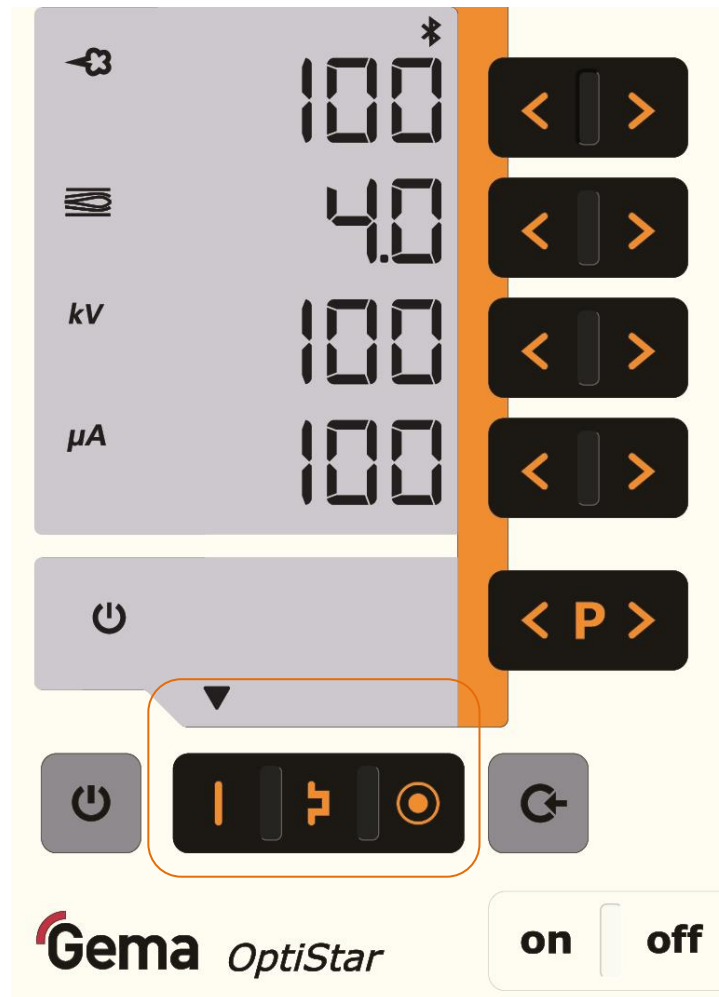
Pre-set application programs

- **3 pre-set application programs**, based on Gema's 40 years experience, are a great help for less experienced users.

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

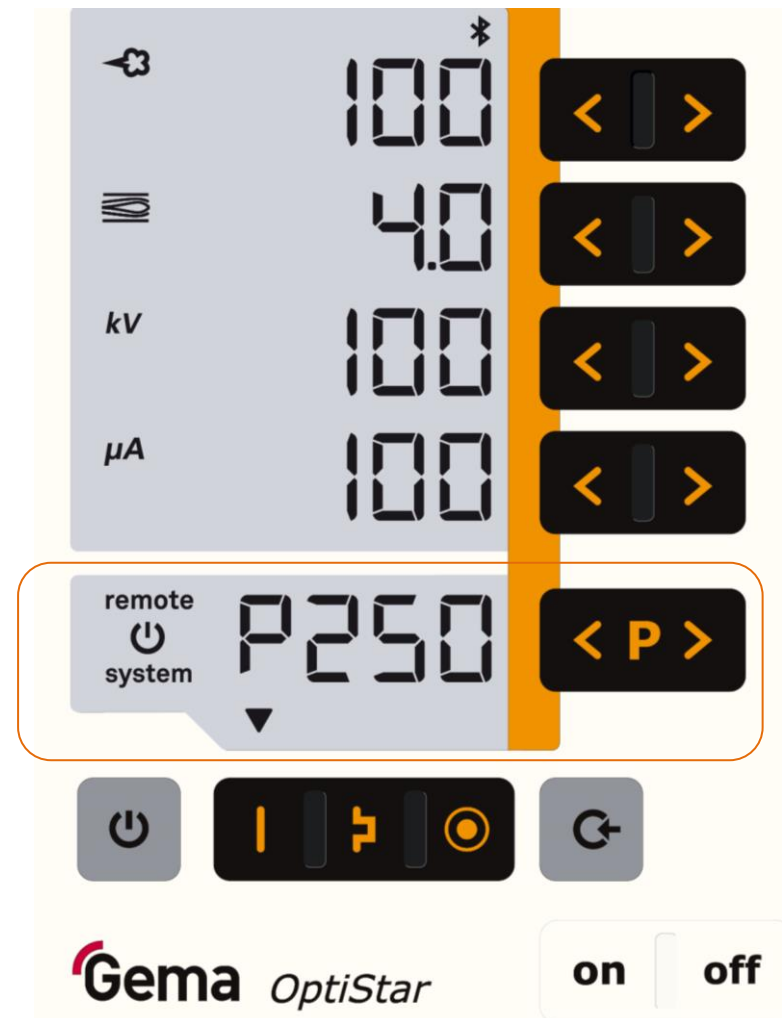
⚡ The **complex parts program** is designed for the coating of three dimensional parts with complex shapes such as profiles.

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



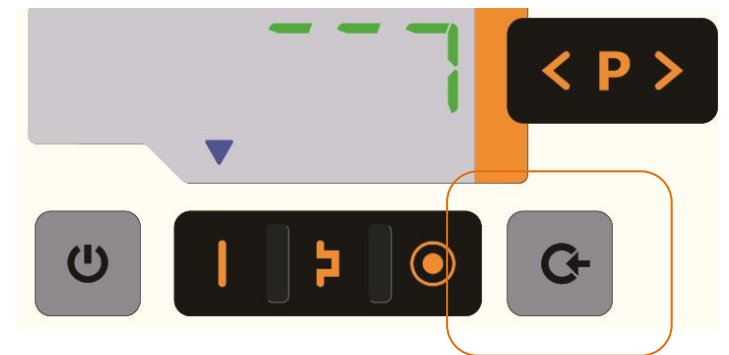
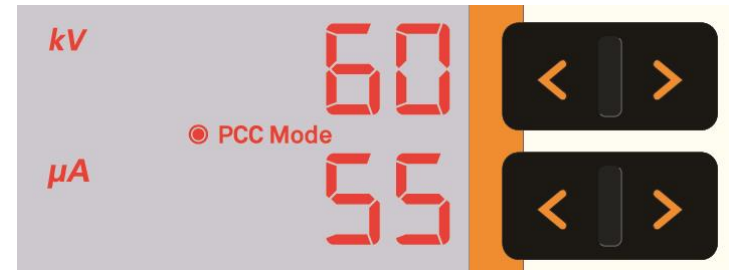
Application programs library

- 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.



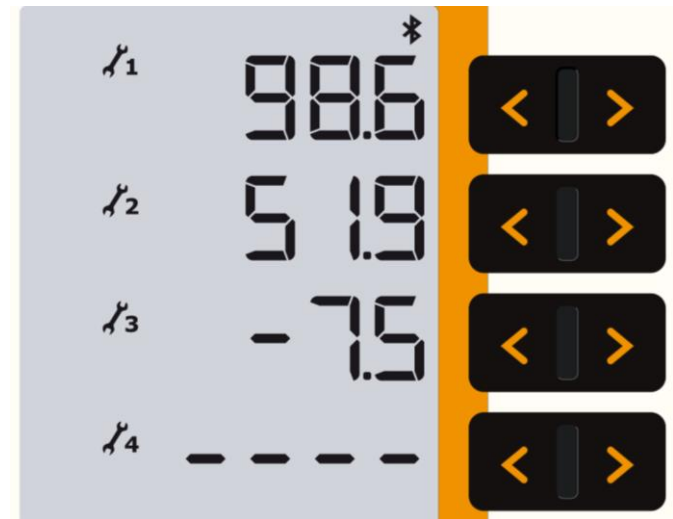
Advanced features

- **Precise Charge Control (PCC)** mode is automatically activated when Current is set below 10 μA .
 - HV / Current display turns red
- **Rinsing** mode is used to remove powder accumulations from the injector / hose / gun.
 - Display shows a rotating green symbol



Advanced features

- The control unit offers the possibility to **monitor wearing parts** using up to 4 working hours reverse counters
- **Powder output correction factor** compensates the different hoses lengths and makes sure that all guns have the same powder output
- **Keyboard lock** prevents accidental modification of the parameters
- In case of failure the display shows an error code for **easier troubleshooting**



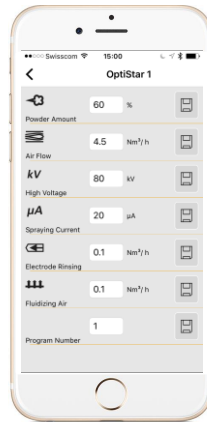


E-App
E-abb

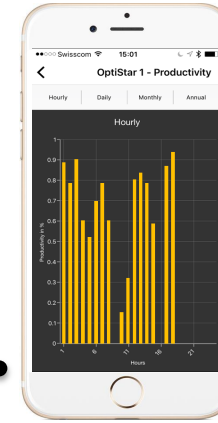
Gema E-App

Gema E-App Functions

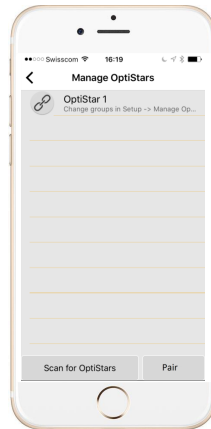
Application



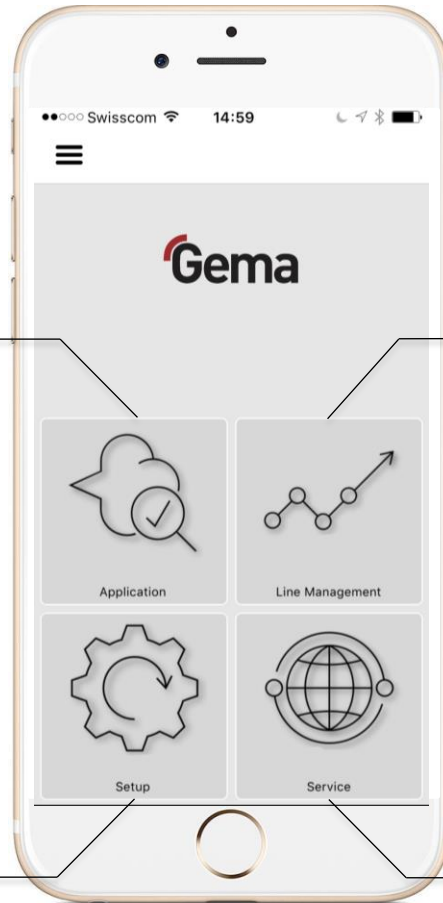
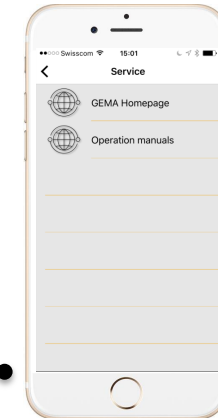
Line Management



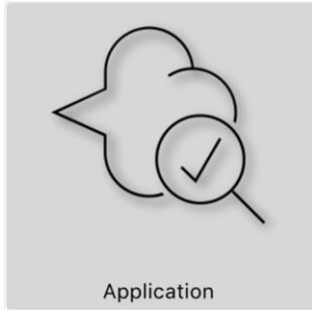
Setup



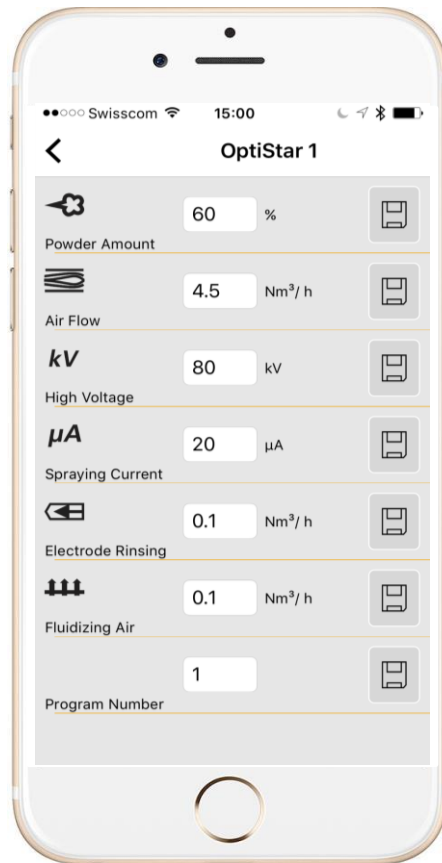
Service



Gema E-App Application

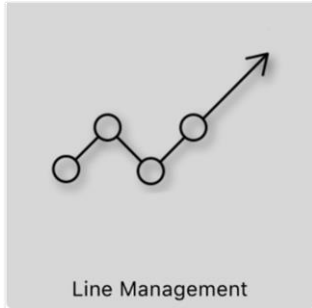


Control and adjust coating parameters in real time.

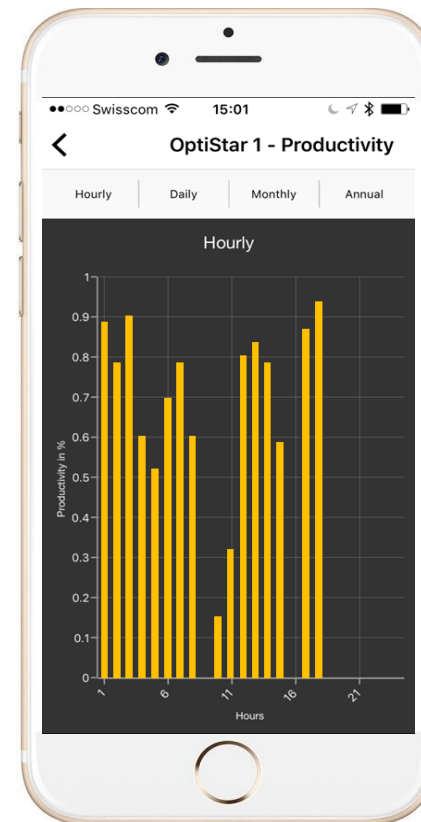
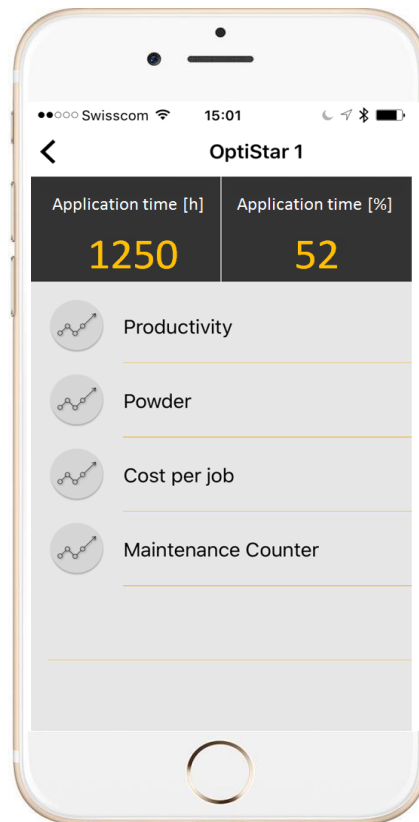


Single gun control **or** Group gun control (A, B, C, D)

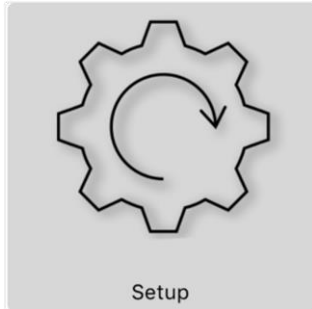
Gema E-App Line Management



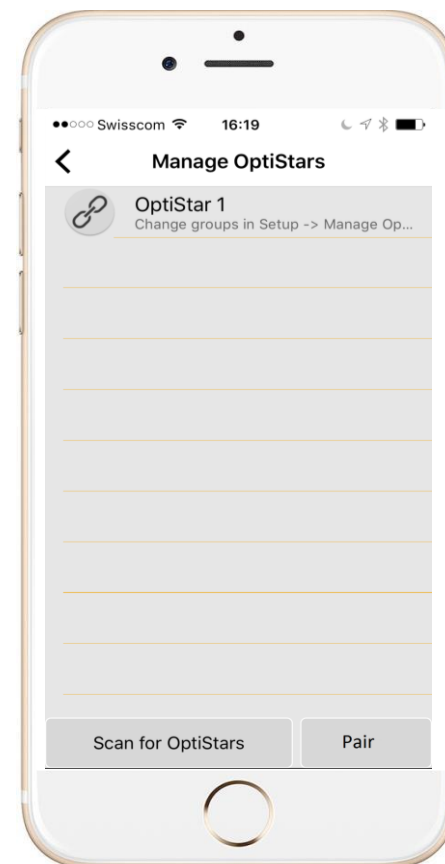
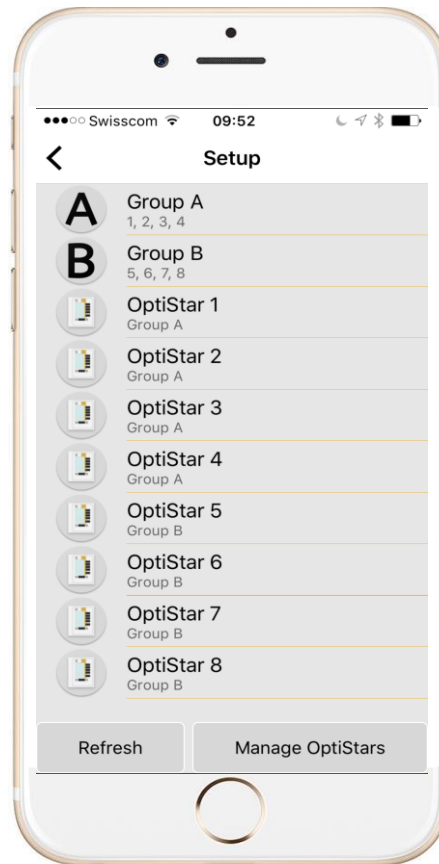
Visualize coating productivity data. Statistics and cost calculations from production are automatically generated.



Gema E-App Setup



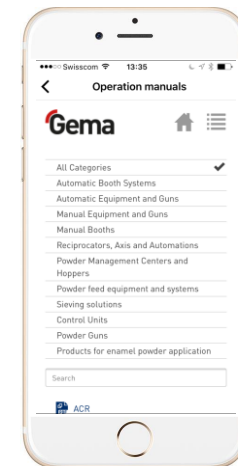
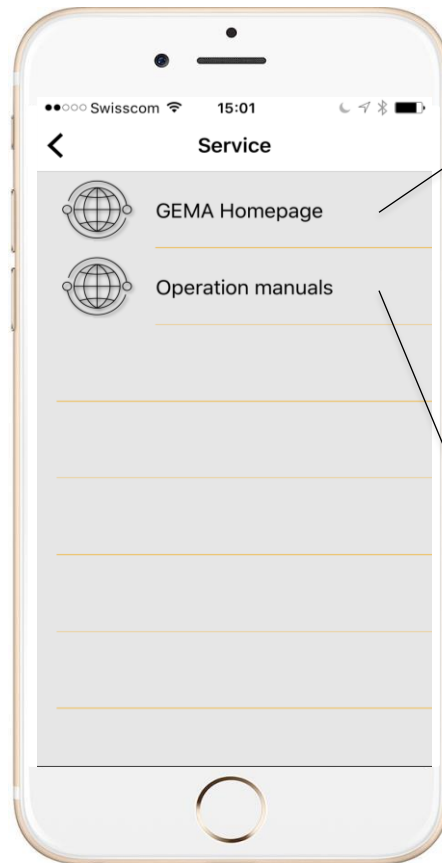
Configure OptiStar individually or in a group of control units. System information and diagnostic data are easily retrievable.



Gema E-App Service



Access directly the operation manuals of the system components or the Gema website.



Gema E-App Pairing

Download



Search for: Gema e-app
IOS + Android
Mobile App-Stores
Optimized for 6" screen size

Pairing



