

ITWGema

With unique stirrer for gentle processing of most difficult powders

Display Pilot with 3 preset programs

Independent programming and program memory

Purge program

**DVC
Patented Digital Valve Control for exact and reproducible powder delivery**

Maximum coating performance with all powders

On-gun remote control for program selection and powder output

Quick-change connector for powder hose



OptiFlex S



OptiSelect

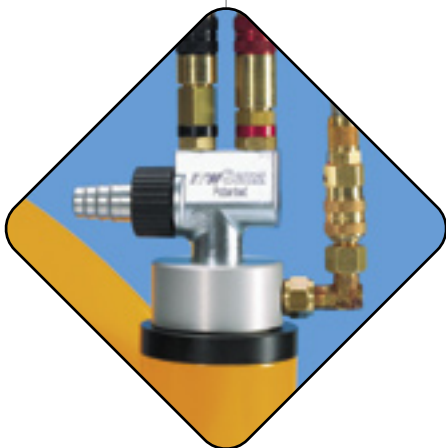
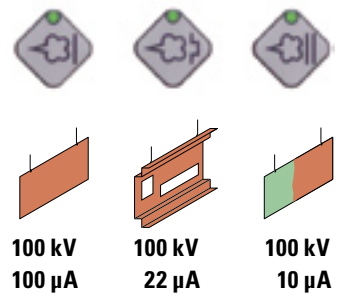
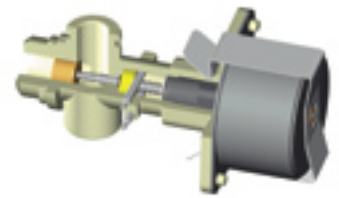
For fatigue-free coating, a manual gun has to be perfectly balanced, light and ergonomic. During the development phase of the **OptiSelect** series, a special focus was put on these important criteria. The on-gun remote control and the quick-change connector for the grounded powder hose also contribute to comfortable color change and quick coating.



OptiStar

The patented DVC technology (Digital Valve Control) guarantees a highly precise powder output and reproducible coating results.

High voltage, spraying current, powder output and total air volume are comfortably and precisely controlled via the foil keyboard. Up to 20 coating programs can be stored in the **OptiStar** control unit, which includes also 3 preset standard programs. They are perfectly configured to coat flat parts, complicated parts, recoat parts and can be easily selected via the display pilot. A purge program supports the cleaning of the powder hose.



OptiFlow

The most outstanding characteristics of this injector are its uniform powder transport and easy-clean internal design.

OptiFlex S Gentle processing for the most difficult powders thanks to the stirrer unit

OptiFlex S is ideally suited for difficult powders or climatically challenging environments. The unique stirrer unit completely processes powder quantities from 0.5 to 9 kg.

The solid and very ergonomic unit ensures trouble-free processing of all currently available powder types, even metallic powders!

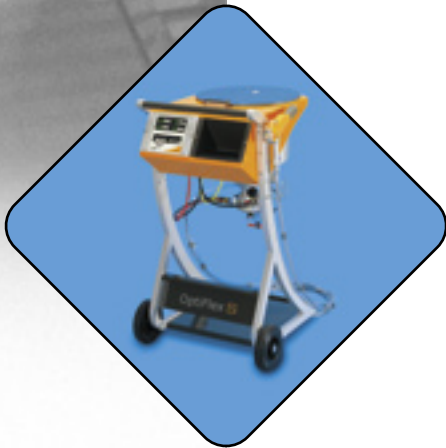
OptiFlex S allows easy and quick color changes. The emptying is performed via a flap located underneath the stirrer container. The remaining powder is emptied directly into the original powder box.

The system comes ready to use and can be put into operation after a short assembly time.

As an option, **OptiFlex S** is available as a double gun version suitable for spraying both sides of an on-line booth.



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|--------------------------------|--|
| ① OptiStar control unit | ⑥ Integrated stirrer unit |
| ② OptiSelect manual gun | ⑦ Flap emptying system |
| ③ OptiFlow injector | ⑧ Air filter unit |
| ④ Solid frame | ⑨ Conductive powder hose |
| ⑤ Powder container | ⑩ Storage compartment and space for 2nd control unit |



Technical Data OptiFlex S

Electrical Data

Rated input voltage/Connected load	100 – 260 VAC/150 VA
Frequency	50 – 60 Hz
Type of protection	IP 54
Temperature range	0 °C to +40 °C +32 °F to +104 °F

Pneumatical Data

Main compressed air input (at filter unit)	G ¼" internal thread
Max. input pressure	10 bar/145 psi
Min. input pressure (dynamical)	6 bar/87 psi
Max. water vapor content of compressed air	1.3 g/Nm ³
Max. oil vapor content of compressed air	0.1 mg/Nm ³
Max. compressed air consumption	7 Nm ³ /h

Dimensions

Width	690 mm
Depth	764 mm
Height	1135 mm
Weight	61 kg

Certificates

PTB
ATEX
FM

ITW Gema

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OptiFlex
Reliability and flexibility
for the powder coating
into the 21st century

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