

ITWGema



With 50-liter powder container for constant use of bigger powder quantities

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 F



OptiSelect

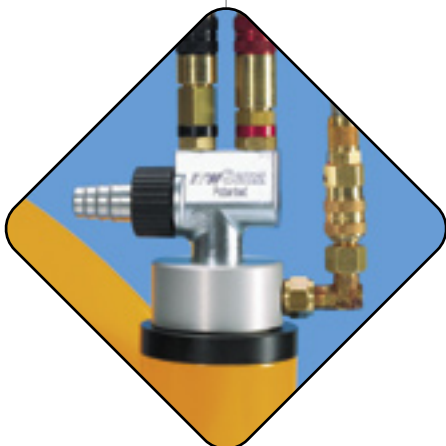
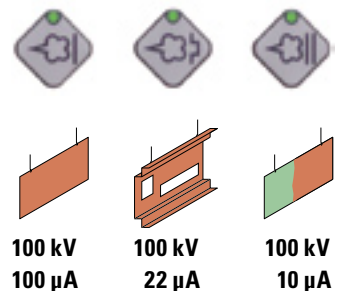
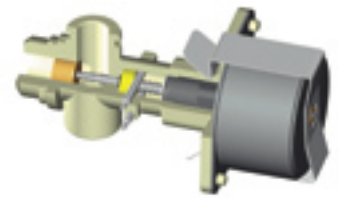
For fatigue-free coating, a manual gun has to be perfectly balanced, light and ergonomic. During the development phase of the **OptiSelect** series, a special focus was put on these important criteria. The on-gun remote control and the quick-change connector for the grounded powder hose also contribute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

OptiFlex F features a 50-liter powder container that gently fluidizes the powder via an integrated fluid plate system. For easy handling, the powder container is equipped with 3 handles and cleaning is carried out very quickly as it can be completely disassembled.

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

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

As an option, **OptiFlex F** 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 | Fluid plate |
| 2 | OptiSelect manual gun | 7 | Airmover (ventilation) |
| 3 | OptiFlow injector | 8 | Air filter unit |
| 4 | Solid Frame | 9 | Conductive powder hose |
| 5 | 50-liter powder container | 10 | Storage compartment and space for 2 nd control unit |



Technical Data OptiFlex F

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 per gun	11 Nm ³ /h

Dimensions

Width	690 mm
Depth	800 mm
Height	1135 mm
Weight	49 kg

Certificates

PTB
ATEX
FM

ITW Gema

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OptiFlex

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