

OptiFlex® Pro FE

Manual unit for Enamel application

The OptiFlex Pro FE manual unit with 50-litre fluidized powder container is specially designed for manual enamel applications. The unit is equipped with an OptiSelect Pro enamel manual gun, type GM04-E, and OptiStar 4.0 gun control for individual and precise coating parameter settings.

The OptiFlex Pro FE puts the world's most advanced manual powder coating technology in the palm of your hand. Enamel powder is applied with ease and complex geometries are coated with outstanding efficiency and quality, even in the most challenging environments. OptiFlex Pro FE simplifies the coating of difficult shapes by applying the powder precisely where needed. Wear-resistant spray nozzles provide excellent powder distribution and penetration needed to coat complex geometries.

Customer benefits:

- State-of-the art design and high performance materials for application of abrasive enamel powder
- OptiSelect Pro GM04-E enamel gun and OptiFlow injectors are made of robust and wear-resistant ceramic materials
- Wear-resistant and versatile nozzle assortment compatible with automatic equipment
- 50-litre fluidized powder container
- Compatible with all enamel powder types
- Best coating results even on complex product geometries



The OptiSelect Pro type GM04-E made of high performance ceramic materials

Electrical data	
Nominal input voltage	100 – 240 VAC
Frequency	50 – 60 Hz
Temperature range	0 °C – +40 °C 32 °F – +104 °F

Pneumatic data	
Max. input pressure	10 bar / 145 psi
Min. input pressure (dynamic)	5.5 bar / 80 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

Approvals	
Manual Gun OptiSelect Pro Type GM04-E	CE 0102 II 2 D PTB 19 ATEX 5001 ATEX not required for enamel powder
Manual gun control unit OptiStar 4.0 Type CG21	CE 0102 II 3 (2) D PTB 17 ATEX 5002
Manual coating equipment OptiFlex Pro	CE II 3 D IP54 120 °C

Dimensions	
Width	490 mm
Depth	819 mm
Height	1109 mm
Hopper volume	50 litre
Weight	approx. 47 kg
Compressed air consumption normal operation	5.5 Nm ³ / h

Gema Switzerland reserves the right to make technical changes without notice!