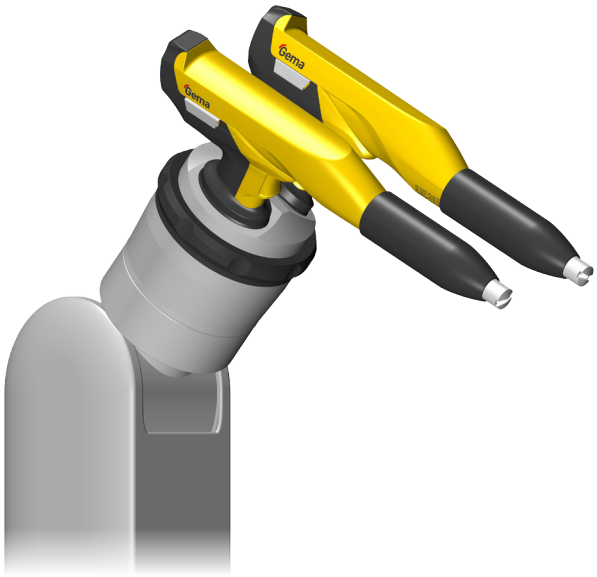
RobotGun (GM03-R series)

Compact and powerful gun for great versatility and efficiency



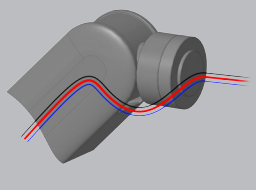
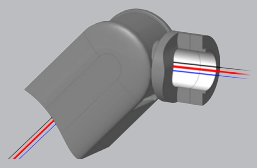
The new Gema RobotGun GM03-R is the efficient solution for high-quality robot applications and an important key to easily manage complex coating requirements and a high degree of automation.
The product distinguishes itself by its compact design, very precise application and excellent penetration behavior.
In combination with the OptiSpray application pump technology, the RobotGun GM03-R series enables the operator to comply with highest quality expectations and allows the achievement of repeatable and constant coating results.
Very easy to integrate into the robot application system, the RobotGun solution allows to save money and to increase the productivity of the coating line.
The gun is compatible with standard robots and hollow wrist robots.

Customer Benefits:

- Optimized geometry of the powder gun for robot applications with integrated high voltage cascade for superior coating results
- Compact design with optimized TCP (Tool Center Point)
- Specially designed for usage with OptiSpray AP01 application pump for constant powder output
- Also suitable for injector technology
- External gun triggering via digital contact from the robot control or CAN-Bus
- Suitable for enamel applications

RobotGun configurations

Gun Type	Powder Feed	Type of Powder
GM03-RP	OptiSpray AP01	Organic
GM03-RPE	OptiSpray AP01-E	Enamel
GM03-R	OptiFlow IG06, IG06-P	Organic
GM03-RE	OptiFlow EI05-V, EI06-V EI07, EI08	Enamel

Gun arrangement	Single	Dual
Hose feed	External hose feed 	Internal hose feed 
Robot mount	Customized by Gema according to robot specifications.	

Approvals

OptiSelect GM03-R
OptiSelect GM03-RP CE 0102 | Ex II 2 D | PTB11 ATEX 5006

OptiStar CG08(-C)
OptiStar CG12-CP CE 0102 | Ex II 3 (2) D | PTB11 ATEX 5007-2

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

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