Equipment

Designation	Part number
Pack Inogun R, Inocontroller, pump, R bracket, 30m	910029967
Pack Inogun RD, 2 Inocontroller, 2 pumps, RD bracket, 30m	910029968
Pack Inogun RC, 2 Inocontroller, 2 pumps, RC bracket, 30m	910029969

13 chemin de Malacher - CS 70086
38243 Meylan Cedex - FRANCE
Phone: +33 (0)4 76 41 60 60 - Fax: +33 (0)4 76 41 60 90
www.sames.com

Inogun R- RD - RC

Robotic powder gun

Powder / Robotic Guns

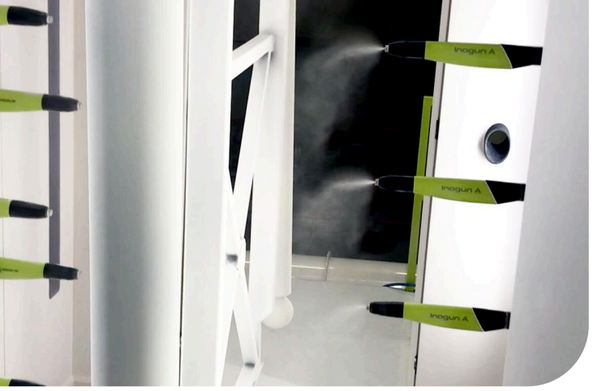
MODULAR DESIGN FOR FLEXIBLE INTEGRATION AND PROCESS EVOLUTION

- **Lifetime finish quality: Long life cascade durability and HV performance**
- **Efficient powder transfer: TEC5 technology**
- **Reduced downtime: Quick gun change in less than 1 minute**

Markets

EARTHMOVING · AUTOMOTIVE · ENERGY · INDUSTRIAL · TRANSPORTATION

BOND • PROTECT • BEAUTIFY



Inogun R- RD - RC

Robotic powder gun

The Inogun robotic applicators R, RD, and RC are examples of our knowledge and expertise for providing the best electrostatic technology for robotic powder applications.

The **Inogun robotic applicator R, RD, and RC** built with a common base are thoroughly tested for robotic powder applications. We are providing 3 different versions of the applicator and they are fitted with a different robot bracket: **Inogun R** for a single gun, **Inogun RD** for (2) parallel guns, and **Inogun RC** for (2) convergent guns.

Powder and energy savings have been implemented at the heart of the gun to reduce waste and enhance productivity and powder finish quality. TEC5 Technology (Transfer Electronic Control) ensures self-regulation of the electrostatic charge, taking into account the powder flow and distance of the parts, to optimize powder transfer efficiency and finish quality.

The powerful high voltage unit paired with the high voltage control unit delivers a high wraparound effect on large parts (D. 500 mm / 20 in) and has deep penetration into recessed areas. This reduces the cost of ownership with a better use rate of powder and reduces spray time. Pre-touch and touch-up actions are significantly reduced. The gun parts inside and outside the gun are smooth making color change quicker.

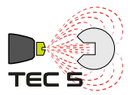
The **Inogun R series** applicators are controlled by the built-in Inocontroller which monitors the cascade and all air controls: high voltage, current, electrode cleaning air, injection, and dilution.

Technical data table

Designation	Value	Unit: metric (US)
Maximum Air Pressure	7 (101.5)	bar (psi)
Air Consumption	2 - 10 (1.2 - 5.9)	m3/h
High Voltage (maximum)	100	kV
Current Max	110	µA
Powder Output Max	450 (63.7)	g/mn (oz/mn)
Air Supply Pressure	7 (101.5)	bar (psi)
Relative Humidity Max	80	%
Length (gun only)	460 (18.1)	mm (in)
Weight	1190/42 (R), 2160/76 (RD), 2200/78 (RC)	g (oz)

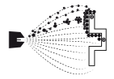
sames inocoat

Technologies



TEC5

FCC (FAST COLOR CHANGE) TECHNOLOGY



CORONA CHARGE

PERFORMANCE

1 Easy and accurate settings for voltage and current

2 Constant and stable spray for a smooth and even application

3 TEC5 technology offers a high-quality finish

♦ Fast color change without cross-contamination

PRODUCTIVITY

3 TEC5 technology delivers high transfer efficiency

4 Wide range of adapted nozzles for optimal application

5 Powerful cascade providing a strong wraparound effect

6 Advanced HV control for excellent penetration in recessed areas

6 All common communication types are supported by the Inocontroller module

♦ Modular gun design for easy integration

SUSTAINABILITY

3 Highly abrasion-resistant nozzles

5 Heavy-duty electrostatic cascade

7 Quick disconnect 1 minute, only 1 operator needed to change gun

♦ Designed for heavy industrial use

Description