

Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators, supplied by our wide range of pumps & machines for fluid handling, dosing, mixing & dispensing.

SAMES KREMLIN provides industrial solutions for production increase, quality improvement, material & cost savings.

We are designers and manufacturers of process equipment that is divided into 6 ranges:

Airspray: Since 1925, we have been an Airspray manufacturer bringing you the very best in finishing.

Airmix®: Creator of Airmix® Technology since 1975, we provide the perfect mix between quality and productivity.

Airless: We provide premium Airless Products for finishers with demanding applications.

REXSON Dispense: Pumping beyond possible, dispensing precisely.

Electrostatic liquid: expertise for high finishing quality & efficiency.

Powder: Powder coating solutions for the highest Productivity since 1960.

FIND YOUR LOCAL CONTACT BY FLASHCODE:



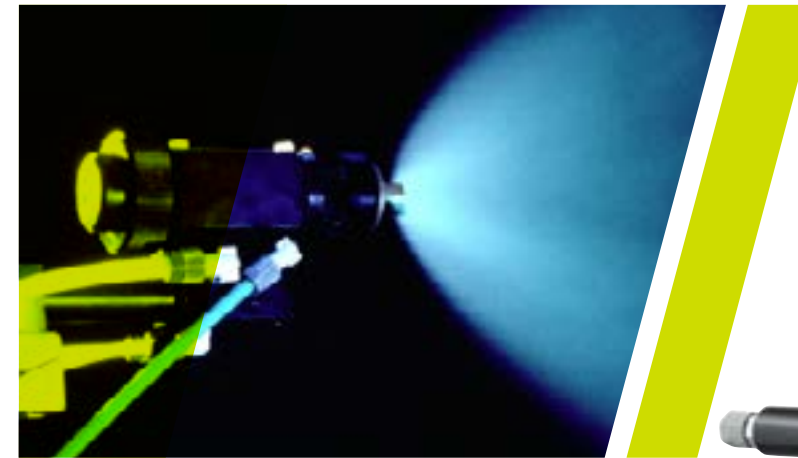
www.sames-kremlin.com



Apply your Skills



TRP 501 & 502 SPRAY GUN



- High paint savings
- Increased productivity
- Simplified maintenance
- Easy to use

Related Technologies



Electrostatic



HPA™ Airspray



HLVP Airspray



Vortex



Hollow Shape

Apply your Skills

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1703.573.646.002 - SAMES KREMLIN reserves right to change without notice characteristics and services offered as well as equipment and attachments of these.

TRP 501 & 502

AUTOMATIC PNEUMO-ELECTROSTATIC
SPRAYGUN

The TRP spraygun allows the application of solvent based or waterborne liquid paints through fixed application, reciprocators or multiaxis robots. For over 20 years, TRP is the unrivalled worldwide reference in general industry and automotive.

TECHNICAL DATA

Dimensions	TRP 501 Automatic Electrostatic Spraygun	TRP 502 Automatic Spraygun	GNM 200
Length (mm) L1	302	319	95
Width (mm) L2	44	180	140
Height (mm) L3	120	120	205
Weight (Without hoses) (g)	800	1200	2200
IP			20
Power	TRP 501 / 502		GNM 200
Air pressure maxi. (bar)	6 (90 psi)		
Fluid pressure maxi. (bar)	6 (90 psi)		
Normal pilot pressure (PT - PD)	5 (75 psi)		
Response time opening fluid (ms)	25 (indicative)		
Response time cutting fluid (ms)	30 (indicative)		
Electrical supply			110 V / 220 V 50 Hz / 60 Hz
Voltage maxi. (kV)			100
Current maxi. (µA)			200 (UHT 180) 500 (UHT 288)
Spraying	Round spray	Fan spray	Fan spray (TRP 502)
Impact wide (mm) (à titre indicatif)	100 to 400	100 to 500	660
Total air wide (Nm ³ /h)	7 - 27	7 / 40	14 / 80
Paint flow (cc/min)	from 100 to 500	from 100 to 800	from 200 to 1200
Viscosity seconds (AFNOR Cup n°4)	from 14 to 68	from 14 to 68	from 14 to 68
Solvent paint, resistivity maxi. (MΩ.cm)			500
Solvent paint, resistivity mini. (MΩ.cm)			0,5
Recommended application distance (mm)	from 100 to 400	from 150 to 450	

ATEX marking:

TRP 501.00D &
TRP 502.00D:

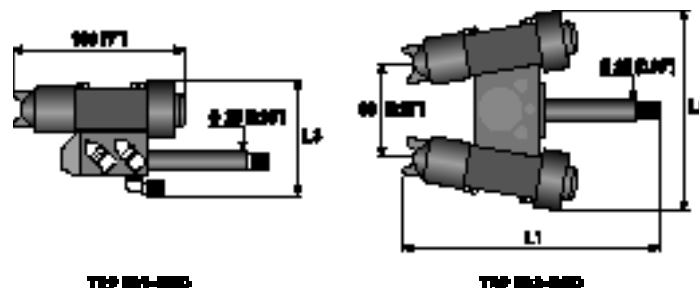
CE 0080 II 2 G
EEx > 350mJ
ISSEP06ATEX032X

UHT 180 EEx e &
UHT 288 EEx e:

II 2 GD
EEx e II
ISSEP01ATEX002U

GNM200⁽¹⁾:

CE II (2) G
[EEx > 350 mJ]
ISSEP05ATEX032X
ISSEP06ATEX032X
ISSEP07ATEX001X



(1): This control module allows piloting the UHT. It is a combined material that is part of the configuration of the certified equipment and that contributes to its good working. It has to be installed into a non explosive area.

MATERIAL HANDLED

Solvent borne, Waterborne, high solid varnish, 2K

RECOMMENDED MARKETS

AUTOMOTIVE
OEM, Tier One and Tier Two

METALLIC FURNITURE

CYCLES & MOTORCYCLES

WOOD INDUSTRY

ALUMINIUM PROFILES

**AGRICULTURAL & CONSTRUCTION
EQUIPMENT**

CUSTOMER BENEFITS

→ High paint savings

- Electrostatic technology using high voltage up to 100kV
- Good wrap-up and penetration effect
- Transfer efficiency doubled from conventional gun (up to 60% savings*)

→ Excellent finishing quality

- Fine atomisation
- Good stretch of film build

→ Easy operation and maintenance

- Spray parameters can be modified remotely, manually or through PLC
- Purge valve integrated with sprayer allowing minimal paint release into booth during color changes

→ Increased production rates

- Very high flow rate spraying possible (up to 1200 cc/min with TRP 502.00D with double sprayer head)
- Flow rate control through automatic part detection



TRP 501 Automatic
Electrostatic Spraygun

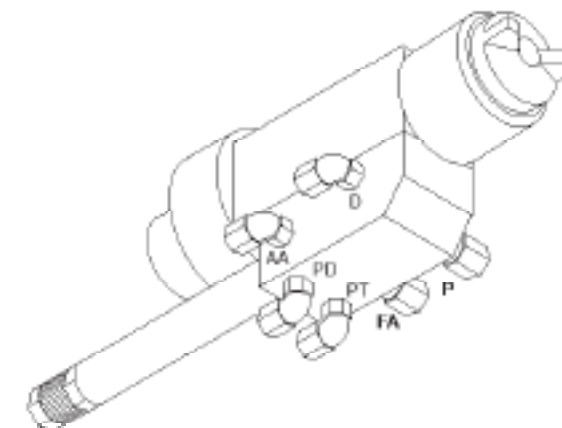


TRP 502
Automatic Spraygun



Air / Product interfaces

- AA** : center air (JP) or direct air (JR)
- FA** : fan air (JP)
- P** : paint supply
- D** : purge
- PD** : purge valve control
- PT** : opening / closing of needle



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* under certain conditions