

SATAjet® 5000 B



German Engineering

Spray Guns | Cup Systems | Breathing Protection | Air Filtration | Accessories



Design by
**PORSCHE DESIGN
STUDIO**

As versatile as you

Supreme flexibility – The SATAjet® 5000 B

The premium spray gun SATAjet 5000 B sets new quality standards; makes painting easier than ever before. Being extremely versatile in terms of application distance and inlet pressure, this new high performance spray gun is leading the way. Now, painters have the possibility to set pressure and distance as required by the paint to be applied, the climatic conditions and the work method – to achieve perfect finishes.

Ergonomics at its finest

The design of **SATAjet 5000 B** has been created by the experts at the Porsche Design Studio who have translated pure functionality into aesthetic form together with the specialists at SATA. Due to the optimized shape of the gun handle, the spray gun fits perfectly in the palm of the hand. In addition, the gun handle of the digital version is identical in size to the standard model which makes it the perfect spray gun for all painters, regardless of the size of their hands.

Easy to operate

Our quest for excellent ergonomics however has not only influenced the development of the gun handle, but equally the design of spray fan control, material flow control as well as the air micrometer. Robust but still low in weight, this spray gun offers a perfect combination of ease of application and durability.

SATAjet 5000 B. The ultimate spray equipment.

PRODUCT BENEFITS

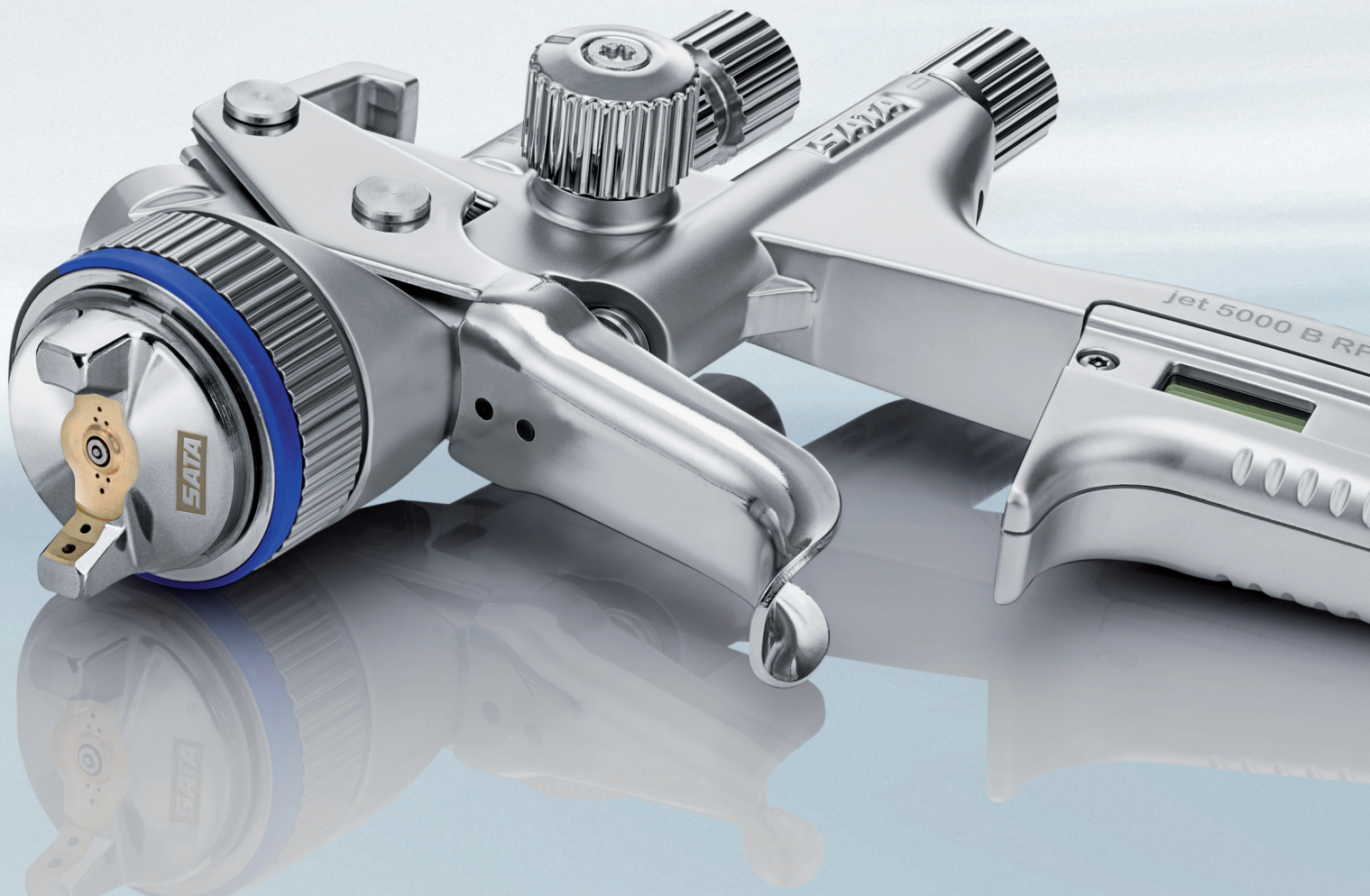
- Optimized nozzle concept for highest possible versatility concerning inlet pressure and spray distance
- Ergonomically shaped gun handle
- The pearlodized™ surface is a technical enhancement of the "pearlchrome" surface to further improve corrosion resistance as well as ease of cleaning and maintenance
- Easy to adjust control elements
- Safely positioned trigger sleeve – for easy, safe and quick insertion of the paint needle
- Identical compact-size gun handle for non-digital and digital spray guns
- Optimized round / flat fan control with half-turn only



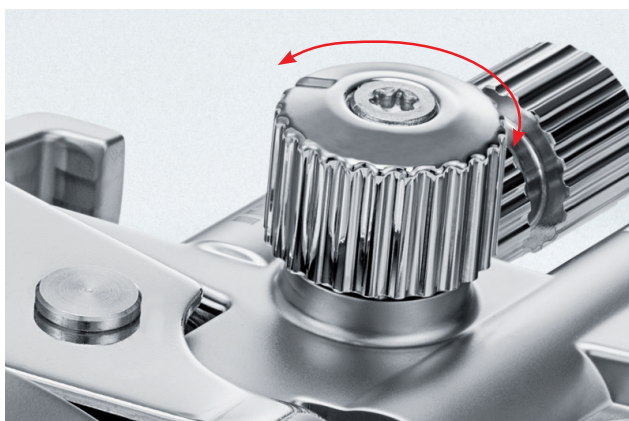
Enhanced ergonomic design – the SATAjet 5000 B with optimized gun handle contours suiting every palm



A uniform and flexibly adjustable spray fan according to the specific requirements – the SATAjet 5000 B for perfect finishes



Optimized spray fan control: Quick and precise adjustment of the spray fan with a half turn only



Pressure under control – the DIGITAL® option: Integrated pressure gauge – to ensure perfect reproducibility





No adapter required – SATA RPS disposable cups fit directly on the SATAjet 5000 B – for reduced weight and cleaning effort

SATAjet 5000 B RP Inlet pressure
Field of application: 7 psi - 29 psi
Compliant: max. 29 psi

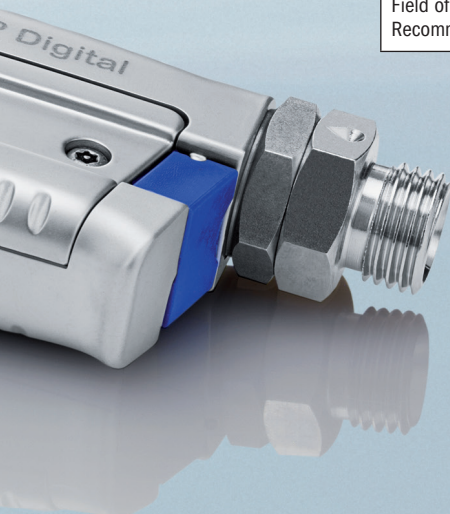
Air consumption at 29 psi: 10.2 cfm

Spray distance
Field of application: 3.9" - 8.3"
Recommended: 6.7" - 8.3"

SATAjet 5000 B HVLP Inlet pressure
Field of application: 7 psi - 29 psi
HVLP: max. 29 psi

Air consumption at 29 psi: 15.2 cfm

Spray distance
Field of application: 3.9" - 8.3"
Recommended: 3.9" - 5.9"



SATA® adam 2™

To upgrade non-digital spray guns to "DIGITAL" – the version for retrofitting the **SATAjet 5000 B Standard** without integrated digital pressure gauge. Ensures correct setting and display of the gun inlet pressure for highest reproducibility.



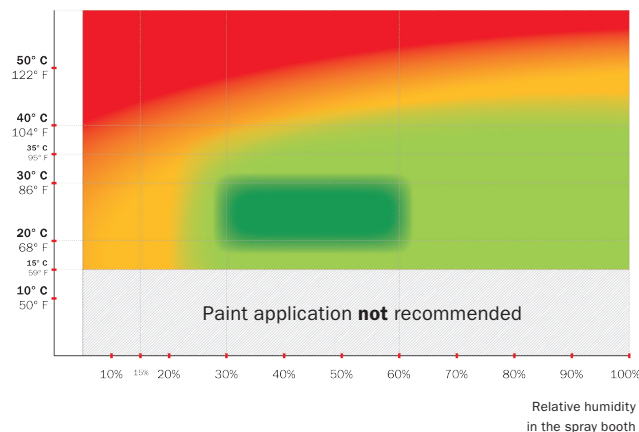
Part. No. 211557 complete, (fits SATAjet 5000 B only)

Part. No. 211565 each, (dock only, fits SATAjet 5000 B only)

Part. No. 211573 Pk of 2, (dock only, fits SATAjet 5000 B only)

Paint application, especially waterborne paints, in different climatic zones ¹⁾

Spray booth temperature



Climatic conditions

Extreme
Additive ²⁾ and special nozzle set possibly required
Recommendation:

NS: ↑ by 0.1 – 0.2 (SATAjet 5000 B)

Critical
Additive ²⁾ possibly required
Recommendation:

R/F³⁾: ↓ ■■■■
IP³⁾: ↓ by 0.2 – 0.5 bar / 3 – 7 psi
NS³⁾: ↑ by 0.1 – 0.2 (SATAjet 5000 B)

Uncritical
Additive ²⁾ possibly required

Optimal

Required spray pattern depending on climatic conditions



Spray pattern with large wet core and reduced oval fan size for extreme climatic conditions



Spray pattern with wider large wet core for critical climatic conditions



Standard spray pattern (stretched wet core) for uncritical climatic conditions



Standard spray pattern (stretched wet core) for optimum climatic conditions

1) Measured inside the spray booth by means of a thermometer or hygrometer. Climatic conditions may vary in regard to temperature and air humidity during the day.

2) Please observe the paint manufacturers' specifications concerning nozzle recommendations, spray pressure and application method as well as the use of additives depending on the existing climatic conditions. Some paint manufacturers recommend to continue working with the nozzle set indicated for optimum conditions (green area) using additives for special climatic conditions.

3) R/F Round/Flat control | IP=Inlet Pressure | NS=Nozzle Set

The SATAjet 5000 B, the epitome of perfection

Robust air cap made of chrome-plated brass with **QCT™** air cap thread for quick change with one turn only.



QCC™ – Quick Cup Connector. Bayonet cup connection. Ensures quick and clean cup change as well as easy cleaning.

Fluid tip and paint needle made of corrosion-resistant stainless steel.

Gun suspension hook for convenient storage.

Material passage (red)

Air passage (blue)

Control elements can be perfectly adjusted even wearing gloves; material flow control with good grip

Fluid tip seal ensuring minimal cleaning effort and safe color change.

Air micrometer for the adjustment of the atomization air. Highest precision with digital pressure gauge (optional).

Low maintenance, self-tensioning air piston and paint needle packings.

Spray fan control allowing fine adjustment with a half turn only.

Trigger with paint needle guard ensuring increased life-time of the paint needle packing.

Ergonomically shaped gun handle.

Option: Digital pressure display for exact pressure adjustment, perfect color match and reproducibility.

Easy to clean, corrosion-resistant pearlodized™ surface.

CCS™ – Color Code System. For the convenient identification of your spray gun.



Warranty: Talking quality is not enough – we guarantee it: for three years!

Two ways to achieve a perfect result: **HVLP** and **RP®**

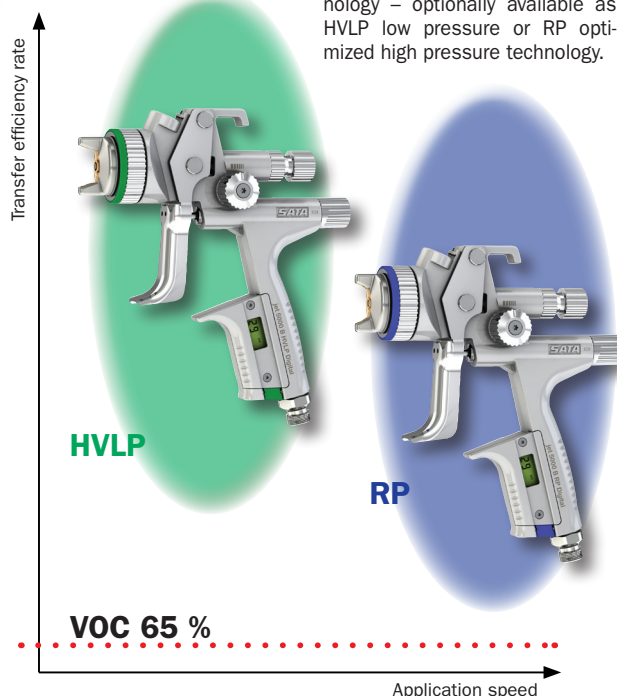
The "Super Saver" SATAjet 5000 B HVLP achieves particularly high transfer rates, due to its low pressure technology.

The "Super Speed" SATAjet B RP with its optimized high pressure technology for maximum application speed and minimum overspray.

Both versions are extremely versatile in application, meeting highest expectations concerning excellent finishes, while far exceeding 65% transfer efficiency rates in accordance with VOC legislation.



VOC-compliant atomization technology – optionally available as HVLP low pressure or RP optimized high pressure technology.



Superior application – SATAjet 5000 B

The SATAjet 5000 B, achieving brilliant finishes: Whether it be in car refinish, commercial transportation, coating furniture, marine yachts or high quality industrial components – regardless of the paint system being used.

Concerning the correct nozzle size or base coat, clearcoat or single stage materials, please use paint manufacturers recommendations, consult your SATA dealer or our website:

www.satausa.com/SATAjet5000B



Nozzle size		HVL										
		1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
Standard	Cpl. with 0.3 l, 0.6 l, 0.9 l QCC reusable RPS cups	210732	210740	210757	210765	210799	210823	210831	210849	210856		
DIGITAL	Cpl. with 0.3 l, 0.6 l, 0.9 l QCC reusable RPS cups	211094	211110	211128	211136	211151	211193	211201	211219			
Nozzle set		210955	210963	210971	210989	211011	211045	211052	211060	211078		
		210245	210252	210260	210278	210286	210294	210302	210310	210328	210336	

RP version **approved** by SCAQMD and EPA, meets rule 40, part 63, HHHHHH. Visit www.satausa.com for approvals

Accessories:

SATA® adam 2™



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SATA® cert™

Prevent rework before it occurs – with the regular checking of the spray pattern.

Part No. 161596



SATA® RPS™



Replaces reusable plastic cups and fits on the SATA spray guns without adapter.

Reduces cleaning effort and helps save solvents. Available sizes: 0.3 l, 0.6 l and 0.9 l. Part No. upon request



SATA® care set™

The practical tool bag containing useful utensils for gun cleaning and maintenance. Items marked with a red surround are not included in the scope of delivery.

Part No. 162628



Further useful accessories like air hoses, respirators, compressed air filters etc. are available from your SATA dealer.

Your SATA dealer



DanAm®

The exclusive independent distributor of SATA product in the US and Puerto Rico

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