

SATAmijinjet® 4400 B



German Engineering

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



For high precision work

Features of the SATAminijet 4400 B:



VOC-compliant atomization technology - optionally available as HVLV low pressure or RP optimized high pressure technology



Innovative and versatile digital retrofit air micrometer



Perfectly suitable for the use of RPS disposable cups



Cup connection for quick and clean cup changes as well as easy cleaning



For the convenient identification of your spray gun



Top quality is not enough - we guarantee it: for three years



SATAMinijet 4400 B – now all RPS disposable cups fit on the large QCC cup connection – no adapter is required



The SATAMinijet 4400 B is perfectly suitable for application on smaller surfaces – in both craft and industry



SATAmijinjet 4400 B - Brilliance in Miniature

The SATAmijinjet 4400 B is the perfect compact spray gun if you are looking for superb finishes on areas of difficult access. The special SR nozzles are perfectly suitable for spot repairs on vehicles. It goes without saying that this spray gun allows the application of all modern paint systems – including waterborne paints –.

Ergonomics

With its new, ergonomically shaped handle, the spray gun is perfectly balanced. All adjustment elements can be safely operated even when wearing gloves. Furthermore, the design of the round/flat spray control is geared to the SATAmijinjet 3000 B. The spray gun is sturdy and long-lasting; the spray fan can be exactly adjusted with a 3/4 turn only.

Enhanced durability

The spray gun body is equipped with a corrosion-resistant chrome surface. The sturdy air cap is made of

chrome-plated brass; paint needle and fluid tip are made of tempered stainless steel. The trigger protects the paint needle from overspray during painting, thus prolonging the lifetime of the paint needle sealing. The air piston rod has been especially reinforced. All these features result in an extended spray gun lifetime.

Large QCC cup connection

The SATAmijinjet 4400 B allows the use of all three RPS cup sizes with no adapter necessary. Furthermore, the large connection makes the cleaning of the material passages extremely safe and easy.

SATAmijinjet small size - big performance

- For small surfaces and areas of difficult access
- HVLP and RP nozzle sets
- Special SR nozzle sets for the smallest spot repairs (Spot repair)
- New ergonomically shaped handle
- Easy cleaning and maintenance
- Large cup connection QCC for all RPS cup sizes
- Highly flexible in terms of atomization pressure and spray distance



The SATAminijet 4400 B – User friendly features



Sturdy air cap made of chrome-plated brass.
New: Quick thread (only 1 1/4 turns) allows easy cleaning

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

New: Fluid tip sealing requiring minimal cleaning effort and safe color changes

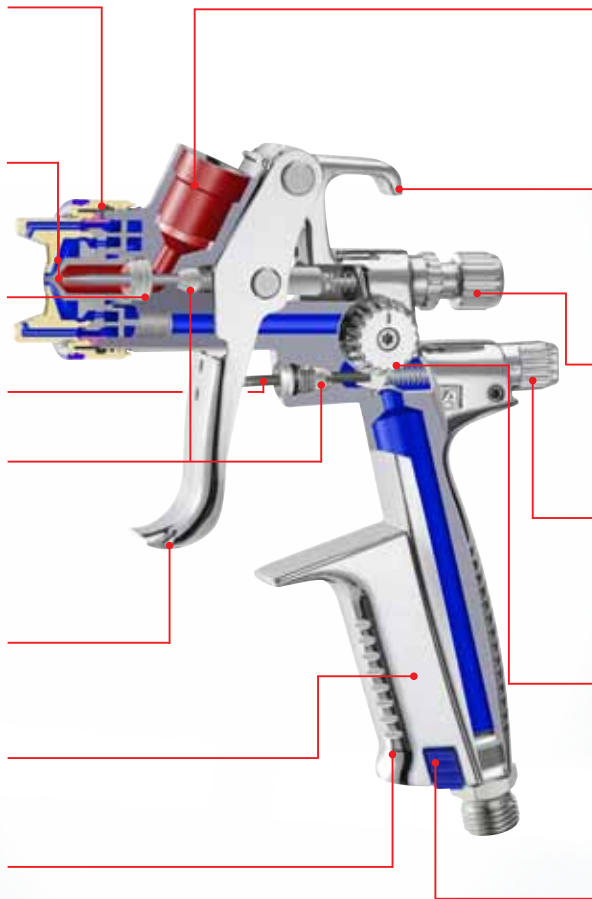
New: Reinforced air piston rod

Low-maintenance, self-adjusting air piston and paint needle seals. **New:** Paint needle can be easily fitted and removed

Trigger with paint needle protection for an extended lifetime of the paint needle packing

Easy to clean, corrosion-resistant chrome surface

New: Ergonomically shaped handle



1 + 2 = 3
Premium Warranty



New: Large QCC connection allows the use of all cup sizes – no adapter required – and allows easy cleaning of the material passage

Hook for convenient storage

Adjustment elements can easily be operated when wearing gloves:

New: Handy material flow control with quick thread



Air micrometer for high-precision adjustment of the atomization air. Digital pressure display when using SATA adam 2 (optional)

New: Easy operation of round/flat spray control: Switching between round and flat fan can be effected with a 3/4 turn only



For the convenient identification of your spray gun.
New: Color code can be exchanged without using a tool

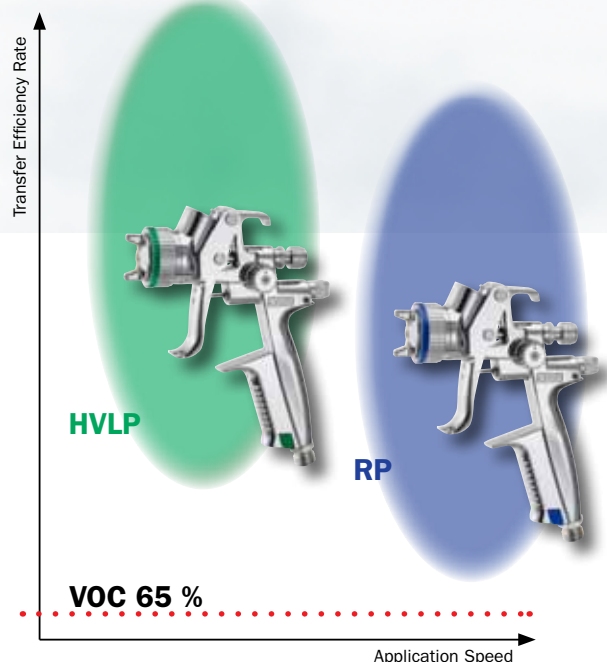


Two ways to reach a perfect result: HVL[®] and RP[®]

HVL[®]: Due to the low pressure technology, SATAminijet 4400 HVL[®] and HVL[®] SR spray guns achieve especially high transfer rates.

RP[®]: The optimized high pressure technology now also allows maximum work speed with the SATAminijet 4400 RP and RP SR.

Both versions meet highest requirements for mirror finishes, while far exceeding 65% transfer efficiency rates in accordance with VOC legislation.



SATAmijet 4400 B - what nozzle set is suitable for which application?

Material or application, resp.	HVLP Standard	HVLP SR	RP Standard	RP SR
Vehicle painting				
Filler	★★ 1,1	★★★ 1,2/1,4	★★★ 1,4 /1,6	★★★ 1,2
Spot Repair	–	★★★ 0,8-1,4	–	★★★ 0,8-1,2
Design	★★★ 0,3-1,1	★★ 0,8-1,4	★★★ 0,5-1,6	★★★ 0,8-1,2
Industrial applications				
Clear coat	★★ 0,5-1,0 ★★★ 1,1	–	★★ 0,5 ★★★ 1,4	–
Base coat/Single stage material	★★ 0,5-1,1	★★★ 1,2	★★ 0,5/1,6 ★★★ 1,4	★★ 0,8/1,0 ★★★ 1,2
Filler/Primer	★★ 1,1	–	★★★ 1,6	–
Wood				
Clear coat, 2K/Single stage coat	–	–	★★ 1,6	–
Base coat	★★ 0,8-1,1	★★★ 1,0-1,4	★★★ 1,4/1,6	★★★ 1,0/1,2
Stains	★★★ 0,3-1,1	–	★★★ 0,5 ★★ 1,4	–
Stains/Patination works	★★★ 0,3-1,1	–	★★★ 0,5	–
Thick film	–	–	★★ 1,6	–
Boat building				
Clear coat, 2K/Single stage coat	–	–	★★ 1,4 /1,6	★★ 1,2
Clear coat for wood painting	★★ 1,1	–	★★ 1,4 /1,6	–
Effect paint	–	★★ 1,0-1,4	★★ 1,4	★★ 1,0 /1,2
Primer	★★ 1,1	–	★★ 1,4 ★★★ 1,6	–

★★★ Perfectly suitable for nozzle set x,y

★★ Well suitable for nozzle set x,y

★ Suitable for nozzle set x,y

Important: Please observe the technical data sheets of the paint manufacturer

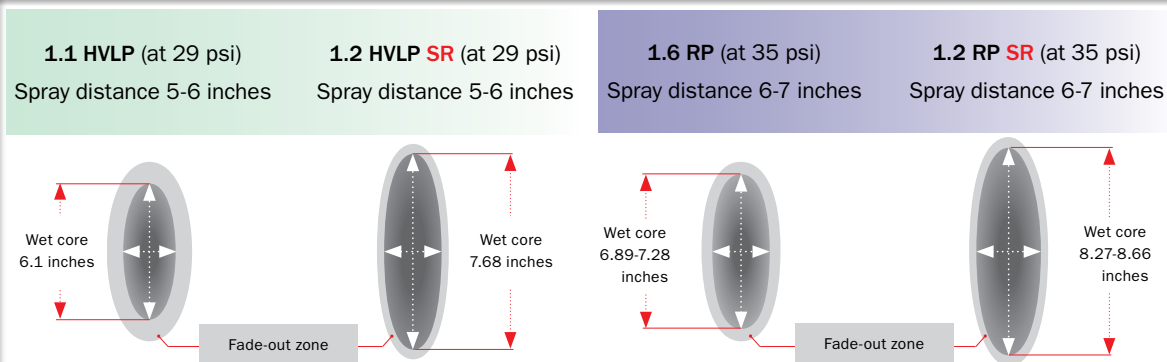
HVLP and RP nozzle sets

With its standard HVLP and RP nozzle sets, the new SATAmijet 4400 B can be used in industry, craft and design when it comes to application on smaller surfaces or areas of difficult access.

SR nozzle sets for spot repair

The SR nozzle sets (now also available as RP version) are perfectly suitable for spot repairs. Compared to the standard nozzle sets, they feature a wide spray fan with wide-stretched core area; color deviations, and so-called "cloudiness" can be easily avoided.

Fan Pattern Comparison*:



Standard nozzles with wet, compact core. **SR nozzles** with wide-stretched core.

*Diagram: Approximate data, may vary according to material and viscosity

Perfect Finishes – SATAminijet 4400 B

	Standard nozzle sets					SR nozzle sets			
Nozzle size HVLP / HVLP SR	0,3	0,5	0,8	1,0	1,1	0,8 SR	1,0 SR	1,2 SR	1,4 SR
Nozzle size RP / RP SR	-	0,5	-	1,4	1,6	0,8 SR	1,0 SR	1,2 SR	-
Spray gun with 0.3 l RPS disposable cup Standard	-	-	-	-	-	198168	198176	198184	198192
	-	-	-	-	-	202390	198358	198366	-
Nozzle set	201194	201202	201210	201228	201236	201244	201251	201269	201277
	-	202408	-	201319	201327	201285	201293	201301	-

To choose the correct nozzle size, please contact your local SATA dealer or pay us a visit on our website:

www.satausa.com/SATAMinijet4400



HVLP / HVLP SR: air consumption at 29 psi: 4.2 cfm
RP / RP SR: air consumption at 35 psi: 7 cfm

Accessories:

Glass cup kit

for easy paint supply as well as quick color changes.
25 ml glass cup (5x) with ...
... closing lid

Art. No. 58164

... plug-in lid

Art. No. 53033

Plug-in cup connection
with QCC

Art. No. 200220



SATA design set with SATAMinijet 4400 B HVLP 1.0

and useful accessories for design painting beginners:

- 125 ml QCC cup
- 2 plug-on glass pots 25 ml and 3 glass pots with blank lid
- 2 m air hose
- Cleaning and sealing kit
- Tool kit

Art. No. 198382



SATA®RPS™

Replaces the reusable cup and fits without adapter. Reduces cleaning efforts and saves solvents.
Sizes: 0.3 l, 0.6 l and 0.9 l



SATA® adam® 2 mini

Compressed air micrometer with electronic pressure measurement.
Art. No. 160 887



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

Your SATA dealer



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