

SPRAY EQUIPMENT

SATA Spray Equipment

Flints stocks SATA spray equipment specially selected to suit the scenic artist. With more than 100 years dedicated to providing high-tech spray equipment to over 85 countries, SATA provides a uniform standard of quality which is recognised in the industry as superior. By purchasing SATA equipment you can expect the very best.

HVLP and RP?

The old-style high-pressure guns have been phased out for health and environmental reasons. The old type of gun, such as the DeVilbiss GFG, would often put as much as 65% of the paint material into the atmosphere rather than onto your canvas. Not only is this a considerable health risk but it is a waste of expensive scenic paint.

HVLP stands for High Volume Low Pressure. A spray gun with this specification will place at least 65% of your paint where you want it, on the canvas, and not in the air. These guns tend to have a slightly different feel to high-pressure guns and they generally require very high volumes of air. Except for the small SATAmiJet 3000, HVLP guns are more suited to paintshops which have large fixed compressors. SATA HVLP guns have a green ring around their air cap.

RP stands for Reduced Pressure. Guns to this specification also comply with the latest regulations but provide a more similar feel to the old high pressure guns. They require less air volume and so are more suitable for the freelance scenic artist using a small portable compressor. SATA RP guns have a blue ring around their air cap.

When using these high-specification guns it is advised, although not crucial, to use 9 mm bore hoses. These hoses will deliver almost twice the volume of air than the more common 8 mm bore hoses.

Problems splattering?

Spray gun designers go to huge lengths to provide perfect paint atomisation, so to get a splatter effect we need to break all the rules!

Set the air pressure very low, say 0.5 bar, and set the material flow very high. The gun should splatter merrily away. However, it will need to use a large quantity of paint so it is crucial that:

- The breather hole on the air cap is not blocked or partially blocked to create suction. If in doubt take the cap off the lid.
- The paint is sufficiently diluted to flow easily through the gun. It should be really sloppy.
- If you want to splatter thick textured materials such as CrystalGel or Gesso then it is best to pressurise the pot [page 15]. Happy splattering!

Which spray gun should I choose?

Well, that is a tricky question to answer, as it of course depends on what you're doing with it! Most Scenic Artists tend to go for the SATAjet 100 B F RP [next page] with a standard 1.6 mm set up as it's a great all-rounder at a good price.

However, for more flexibility the SATAjet 1000 B RP offers the choice of a range of set ups to allow the user to use the same gun, for a wider range of applications, but at a higher initial price.

If you're working on something highly textured it's worth looking at the SATAjet 100 B P [see next page] for fillers and gesso (think lots of Idenden) or have a look at our Air Texture Guns [page 106]. For detailed work, the SATAmiJet 4400 B RP PVC [next page] is the most comfortable in hand, but not great for larger scale work.

If we're talking model-making it's the SATAjet 20 B Airbrush [next page], and for graphic work, the SATAgraph 3 [page 104].

Have a suggestion for a brand and / or model we don't stock? Let us know by emailing feedback@flints.co.uk.

SATAjet 1000 B RP



This is a universal gun with a wide range of setups from 0.8 mm right through to a staggering 5 mm! Flints stocks the 1.6 mm, a real all-rounder, the 2 mm and 2.5 mm for coverage of larger areas with a bit more texture, and the massive 4 mm set-up for large splatter and heavy texture effects [especially when pressurised! - see page 106].

Chosen by the Royal Opera House, National Theatre and leading scenic artists as their preferred gun for splattering large cloths. The SATAjet 1000 range not only has a wide variety of set-ups but also has some useful accessories such as nozzle extensions for spraying floor cloths [page 105].

- ✓ Amazing splatter effects when used at low pressure
- ✓ Fine atomisation when used at recommended pressure
- ✓ Optimum finish results in all fields of application
- ✓ Robust, long-lasting and easy to clean
- ✓ Suitable for waterborne paints and corrosion resistant
- ✓ Easy clean surface 4 Compact and lightweight
- ✓ VOC-compliant 4 Wide range of nozzle sizes: 0.8 - 5.0 mm!
- ✓ Extensive range of accessories, such as extensions and pressurised cups, etc
- ✓ Great value for a gun of this quality

SPECIFICATION: Inlet pressure: 1.5 - 2 bar [21.8 - 29.00 psi]. Air consumption: 275 NI/min [7.1 cfm]. Spray distance: 180 - 230 mm [7 - 9 inches]. Supplied with: 0.6 L PVC cup. NB: SATAjet 1000 B RP set-ups and nozzle sets may need to be ordered in from Germany therefore please allow 7 days for delivery.

code	description	set-up size	list price	Tradeline
SATA154161	Gun with 4.0 mm set-up	4mm	£469.00	£373.73
SATA151209	Gun with 2.5 mm set-up	2.5mm	£437.00	£351.02
SATA149328	Gun with 2.0 mm set-up	2mm	£437.00	£351.02
SATA149310	Gun with 1.6 mm set-up	1.6mm	£437.00	£351.02
SATA151183	Gun with 0.8 mm set-up	0.8mm	£437.00	£351.02
SATA151191	Gun with 1.0 mm set-up	1mm	£437.00	£351.02
SATA149302	Gun with 1.3 mm set-up	1.3mm	£437.00	£351.02
SATA150391	Gun with 1.8 mm set-up	1.8mm	£437.00	£351.02
SATA151217	Gun with 3.0 mm set-up	3mm	£437.00	£351.02

code	description	set-up size	price
SATA151316	0.8 mm set-up only	0.8mm	£163.40
SATA151324	1.0 mm set-up only	1mm	£163.40
SATA149161	1.3 mm set-up only	1.3mm	£159.80
SATA149179	1.6 mm set-up only	1.6mm	£163.40
SATA150417	1.8 mm set-up only	1.8mm	£163.40
SATA149187	2.0 mm set-up only	2mm	£163.40
SATA151332	2.5 mm set-up only	2.5mm	£163.40
SATA151340	3.0 mm set-up only	3mm	£163.40
SATA154187	4.0 mm set-up only	4mm	£197.20
SATA154195	5.0 mm set-up only	5mm	£197.20

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SATAjet 100 B F RP Standard Set-up

Choose this version for maximum versatility. Nozzle size 1.6 mm. Our biggest selling gun.



code	description	list price	Tradeline
SATA145193	Gun 1.6 mm nozzle & 0.6 L cup	£352.00	£282.63
SATA146134	Gun 1.6 mm nozzle & 0.75 L all cup	£354.00	£284.28
SATA27243	Spare 0.6 L cup		£68.50

SATAjet 100 B F RP Scenic Set-up

Extra large 2 mm nozzle for very high material flow rates.



code	description	list price	Tradeline
SATA145219	Gun 2 mm nozzle & 0.6 L cup	£352.00	£282.63
SATA27243	Spare 0.6 L cup		£68.50

SATAjet 20 B

Choose the 0.5 mm version for the finest model work or the 1 mm version for modelmaking and stenciling.



code	description	list price	Tradeline
SATA86207	Gun 0.5 mm nozzle & 0.6 L cup	£426.00	£339.46
SATA86223	Gun 1 mm nozzle & 0.6 L cup	£426.00	£339.46
SATA61523	Spare 1 mm set up		£100.80

Air Micrometer with Gauge

This useful compact micrometer and gauge can be attached directly to the gun. Air pressure may drop over the length of the hose so readings taken from the compressor can be inaccurate. This gauge allows the painter to make fine pressure adjustments without having to go to the compressor. Ideal for setting up scenic effects. Can also be used on other makes of gun.



code	description	price
SATA27771	When purchased alone	£100.00
SATA27771+Gun	When purchased with a gun - save 15%	

SATAmijet 4400 B RP PVC

This is the latest version of the very popular Minijet style of gun. This Minijet 4400 is slightly larger than the old 3000 version but still compact and light in weight. With its ergonomic handle shape, this is possibly the most comfortable spray gun available. It is often chosen because of its suitability for detailed work but soon the user finds that it is a very versatile gun for general work, too. This new version is even more versatile with the ability to produce a much wider spray pattern whilst still being able to focus down to lines just a pencil thickness wide! Furthermore, the 3000 model was restricted to small size cups [unless an adapter was purchased] but this version will take all QCC quick cup connectors including the RPS system. We have chosen to stock this RP version of this gun which is more suited to scenic work. The air consumption of 7.1 cfm is based on the highest pressure setting, generally the air consumption will be much lower.



SPECIFICATION: Inlet pressure: 0.5 - 2.5 bar [7 - 36 psi]. Air consumption: 200 NI/min - 245 NI/min [7.1 cfm] at 2.5 bar. Spray distance: 120 - 190 mm. Wt: 293 g.

code	description	list price	Tradeline
SATA198226	Gun 1.2 mm SR nozzle & 0.125 L cup	£377.00	£300.29
SATA197541	Spare QC cup 0.125 L		£66.60

SATAglyph 3

An airbrush suited for the finest graphic work. Air consumption of just 0.4 cfm allows the use of a small Shhh...Air compressor. In order to couple up to a compressor you will need to purchase the 3 m long PVC hose which is complete with all the fittings.

SPECIFICATION: Nozzle size: 0.25. Gravity flow cup: 2.5 ml. Inlet pressure variable. Air consumption: approx 10 NI/min [0.4 cfm]

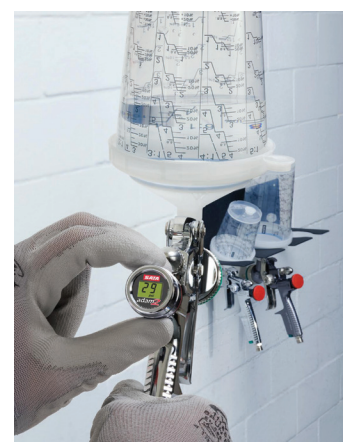


code	Type	list price	Tradeline
SATA134569	SATAglyph 3 without hose	£353.70	£317.70
SATA32987	3 m PVC hose and fittings		£59.00

ADAM 2 Digital Micrometer

This is an upgrade of the ADAM Digital Micrometer.

- ✓ Weighs just 49 g - lighter than ADAM model
- ✓ User can replace battery easily and quickly
- ✓ Imminent battery exchange indicated on the display
- ✓ Lifetime of battery is now up to 30% higher
- ✓ EX-proof and ATEX approved
- ✓ With extra docking stations the display can be quickly moved from gun to gun



code	description	price
SATA160846	ADAM 2 including docking station	£256.70
SATA160788	ADAM 2 docking station only	£85.60
SATA160861	ADAM 2 docking station only for SATAmijet	£85.60
SATA160739	ADAM 2 battery kit	£40.60

Universal Spray Gun and Hose Holder

A well thought through device that will hold any SATA spray gun with or without its cup, and provides a home for the hose too.



code	description	price
SATA192195	Universal Spray Gun & Hose Holder	£58.20

SATA Gravity Cup Filters

Gravity cup filters to fit all the SATA guns except the small SATAmijet 3000 B HVLP and SATAjet 20 which should have their paint filtered before pouring into the cup. Sold in packs of 10.



code	price
SATA3988	£25.20

SATA Silicone-Free Grease

High-performance grease for spray guns. Acid-free. An essential accessory.

code	size	price
SATA48173	100g	£13.50

SATA 1 L Alloy Cup

Quick change cup for any SATA gun with or without QCC.

code	price
SATA96685	£73.20

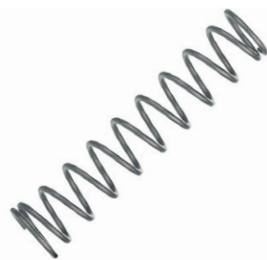
SATA Cleaning Set

Complete with 2 cleaning brushes and 12 cleaning needles.

code	price
SATA64030	£42.70

Heavy-Duty Spring

If you are using your gun with a BVD Pressurised Cup you may find that it dribbles a bit even when the fluid control is off. This can be easily solved by fitting a heavy-duty spring. These springs are already fitted to 4 mm and 5 mm set-ups. Fits all guns except the SATAmijet and SATAjet B 20.



code	price
SATA4648	£11.70

Agitator

Should the material that you are spraying be prone to settle during the job it is possible to agitate the material in the pressure pot either by hand or automatically with the air supply.

code	description	list price	Tradeline
SATA16477	Compressed air agitator	£838.10	£782.03
SATA3525	Hand agitator for 24 L pot	£253.60	£236.63

SATA RPS Rapid Preparation System

One cup with four functions:

- ✓ Mixing
- ✓ Painting
- ✓ Refilling
- ✓ Storing

A true all-rounder. The clear graduated RPS cup stands on the bench and mixing takes place directly into the cup. No need to use an extra paint kettle. The cup will then fit directly to any SATA gun with the QCC connection or standard cup thread. The very low weight helps the ergonomics. When changing colour, simply remove the cup and attach the airtight seal. The paint can be stored in the cup ready for its next use. Attach a new RPS cup and carry on spraying. Once the job is complete the used cups can be stacked inside each other and disposed of without having to waste time and solvents cleaning. Cups are also available in 0.9 L size to dramatically increase the guns capacity. Adapters are available so this system can be used with other makes of gun - please phone for details. Tip: If you are spraying a ceiling just bend the RPS cup forwards and it will enable you to spray upwards! You can even bend them sideways! Brilliant. Scan the QR code to see the system in action.



code	description	price	57+
SATA125070	0.6 L RPS with plug-in sieve	£2.36	£1.77
code	description	price	49+
SATA118489	0.9 L RPS with plug-in sieve	£2.34	£1.98

SATA Extension

A 200 mm long extension with a 1.6 mm nozzle to fit SATA 1000 B RP Guns. Ideal for spraying inside boxes, lockers etc or to prevent backache when spraying floor cloths. Also a 200 mm right-angle extension ideal for homesick submariners.



code	description	list price	Tradeline
SATA154294	Right-angle 200 mm extension 1.6 mm	£582.30	£543.34

SATA BVD Pressurised Cup

Add this cup to your SATA gun to enable it to spray viscous materials. It easily copes with Rosco CrystalGel and Weave Filler 1047. It is ideal for large splatter effects using viscous paints on vertical surfaces when diluted paint would tend to run. Use it to apply texture to built pieces. For large jobs see the 24 L pot below. Use it with a SATA 4000, SATA 3000, SATA 1000 or SATA 100 guns.

- ✓ Transforms your existing gun into a brand new tool for amazing textural effects
- ✓ Brilliant and repeatable control
- ✓ Watch our video on YouTube



Spray Gun Not Included

code	list price	Tradeline
SATA25775	£381.90	£356.35

SPRAY EQUIPMENT

OTHER SPRAY EQUIPMENT

Pro Spray Gun

An economical and serviceable gun suited to those who can't warrant the extra expenditure on the SATA guns. [1.4 mm nozzle].



PSC Spray Gun

Suited for smaller compressors and cheaper than a week's hire! Don't expect the quality of finish you would get with a SATA gun.



code
TOL811

price
£37.57

code
TOL810

price
£24.30

AIR TEXTURE GUNS [HOPPER GUNS]

Graco Air Texture Gun

For frequent users. Double-handle design provides maximum support and control for ceiling, wall and floor applications. Sprays textures such as Rosco Foamcoat and most gravity-fed materials.

- ✓ 5.7 L hopper
- ✓ Air spray trigger gun
- ✓ Four nozzles [4, 6, 8 and 12 mm]



Clarke Air Texture Gun

For occasional use. High capacity unit for textured finishes. 7.8 L tough plastic hopper. 4 nozzles and 5 spray patterns give 20 combinations. 45° offset connector for spraying ceilings. Includes instruction booklet with a truly alarming picture of their hand model.



code
TOL245924

price
£195.00

code
CLA5091120

price
£125.95

Tradeline
£85.20

Blow Nozzles

Valuable tools in any workshop for clearing away dust prior to glueing or painting. Unlike vacuum cleaners, blow guns can get ingrained dust out of shakes and screw holes preventing paint contamination. Useful for cleaning machines and motors. Choose between: The handy pocket-sized SATA Turbo Blow Nozzle with rubberised protection - just clip it onto the 9 mm air hose, twist the front part to adjust the air flow and blow off. Fits 9 mm quick fittings. Alternatively, use the Long Nozzle Gun to get into nooks and crannies. 1/4" BSP male thread connection.



SATA Turbo Nozzle

Hand-held Misters

Strong hand sprayers with a wide range of uses such as damping down floors prior to sweeping or applying flame retardant. We stock the popular and economical Kingfisher 2 pint version and the extra robust Hozelock Spraymist.



Kingfisher

Hozelock

code	Type	price
SATA133306	SATA Turbo nozzle	£33.20
TOL825	Long nose gun	£5.69

code	description	price
SAFS4000	Kingfisher Economy [1.5 L]	£5.59
SAFH0Z4122	Hozelock Spraymist Sprayer [1.25 L]	£21.61

Hudson Super Sprayer

Excellent quality large capacity sprayer with a powerful spray. Following the discontinuation of a few pump sprayers from Hudson, we tested alternative brands (wanting to avoid shipping from the States) and found that they just weren't reliable enough, leaky valves, pumping endlessly for a weak spray. Pump sprayers can be obtained cheaply but don't last long. This Hudson Super Sprayer we think is an investment worth making. Specification: 2 gallon capacity



Tritech Airless Spray Equipment

Use with Airless Spraying Machines to cover very large areas extremely rapidly. Excellent for priming large cloths or spraying the insides of theatres or warehouses.



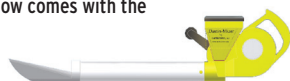
code
HUD90162

price
£59.95

code	description	price
PATT5110V	T5 Stand mount [110 V]	£2,190.00
PATT7110V	T7 Hi-Cart [110 V]	£2,798.12
TOLCM10002	Transformer for 240 V supply [Twin outlet]	£87.33
MYL040	White Emulsion 10L	£102.03

Dustin-Mizer

A hand-cranked dust blower ideal for applying Fuller's Earth or walnut dust to set dressings. The Mizer now comes with the deflector to direct the flow upwards as standard.



code	description	price
PATDM1085	Mizer [now includes deflector]	£59.80
PATDM1094	Spare Deflector	£7.90