

SATA 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 93]. 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** [see ↗] 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 ➡] for fillers and gesso (think lots of Idenden) or have a look at our **Air Texture Guns** [page 93]. 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 modelmaking it's the **SATAjet 20 B Airbrush** [next page], and for graphic work, the **SATagraph 3** [page 92]. 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



Have you tried the RPS system? See page 92

SATAjet 1000 B RP This is a universal gun with a wide range of set-ups 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 93]. 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 92].

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.

- ✓ 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 ✓ Compact and lightweight
- ✓ VOC-compliant ✓ 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

SATAjet 1000 B RP [normally held in stock]	code	list	Tradeline
Gun with 4.0 mm set-up	SATA154161	£458.00	£366.40
Gun with 2.5 mm set-up	SATA151209	£426.00	£340.80
Gun with 2.0 mm set-up	SATA149328	£426.00	£340.80
Gun with 1.6 mm set-up	SATA149310	£426.00	£340.80

SATAjet 1000 B RP [available to order]	code	list	Tradeline
Gun with 0.8 mm set-up	SATA151183	£426.00	£340.80
Gun with 1.0 mm set-up	SATA151191	£426.00	£340.80
Gun with 1.3 mm set-up	SATA149302	£426.00	£340.80
Gun with 1.8 mm set-up	SATA150391	£426.00	£340.80
Gun with 3.0 mm set-up	SATA151217	£426.00	£340.80

SATAjet 1000 B RP Nozzle Sets	code	price
0.8 mm set-up only	SATA151316	£156.70
1.0 mm set-up only	SATA151324	£156.70
1.3 mm set-up only	SATA149161	£156.70
1.6 mm set-up only	SATA149179	£156.70
1.8 mm set-up only	SATA150417	£156.70
2.0 mm set-up only	SATA149187	£156.70
2.5 mm set-up only	SATA151332	£156.70
3.0 mm set-up only	SATA151340	£156.70
4.0 mm set-up only	SATA154187	£193.30
5.0 mm set-up only	SATA154195	£193.30

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.

SATAjet 100 B F RP



Great price for a superb gun!

SATAjet 100 B F RP This is a really excellent reduced-pressure gun at a fantastic price. When operated at around 0.5 bar with the material flow set to high it produces an excellent large splatter effect. These effects need lots of paint so please ensure your paint is diluted enough to flow really freely and make sure the breather in the air cap is clear to avoid any suction. When operating at the recommended pressure of 1.5 - 2 bar the gun provides a controlled spray pattern and rapid even coverage. The air consumption matches the small portable compressors typically used by freelance scenic artists. For scenic work this is an excellent choice of gun.

SPECIFICATION: Inlet pressure: 1.5 - 2 bar [21.8-29 psi]. Air consumption: 290 NI/min - 245 NI/min [7.1 cfm]. Spray distance: 180 - 230 mm [7 - 9 inches].

Nozzle Size can be increased to 2.5 mm see SATAjet 100 B P below.



SATAjet 100 B F RP Standard Set-up

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

SATAjet 100 B F RP Standard Set-up	code	list	Tradeline
Gun 1.6 mm nozzle & 0.6 L cup	SATA145193	£343.00	£274.40
Gun 1.6 mm nozzle & 0.75 L ali cup	SATA146134	£345.00	£276.00
Spare 0.6 L cup	SATA27243		£67.20

SATAjet 100 B F RP Scenic Set-up

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

SATAjet 100 B F RP Scenic Set-up	code	list	Tradeline
Gun 2 mm nozzle & 0.6 L cup	SATA145219	£343.00	£274.40
Spare 0.6 L cup	SATA27243		£67.20

SATAjet 100 B P FOR FILLERS AND GESSO

For fillers and splatters



SATAjet 100 B P Any waterborne and solvent-based material available on the market can be sprayed without restrictions using this spray gun which was designed for spraying polyester fillers. The huge 2.5 mm nozzle enables fantastic splattering effects to be performed at speed but the gun will also cope with applying layers of Idenden Spraycote and, of course, spray fillers. This gun is not fitted with an air micrometer, flow should be regulated at the compressor.

- ✓ A specialist gun for spraying fillers and gesso
- ✓ Correct atomisation for fillers etc. Very controlled application
- ✓ Capable of large splatter effects when used at low pressure

SPECIFICATION: Inlet pressure: 2 bar [29 psi]. Air consumption: 245 NI/min [8.7 cfm]. Spray distance: 180 - 230 mm [7 - 9 inches].

SATAjet 100 B P	code	list	Tradeline
Gun 2.5 mm nozzle & 0.6 L cup	SATA145185	£342.00	£273.60
Spare set up [also fits 100 B F RP]	SATA145284P		£135.40

SATAmijet 4400 B RP PVC SPRAY GUN



Take spots up to 0.9L directly!

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.

SATAmijet 4400 B RP	code	list	Tradeline
Gun 1.2 mm SR nozzle & 0.125 L cup	SATA198226	£368.00	£294.40
Larger 0.6 L cup	SATA27243		£67.20
Spare QC cup 0.125 L	SATA197541		
£65.30£41.80			

SATAjet 20 B AIRBRUSH



SATAjet 20 B Airbrush

This air brush is designed for fine detail and artwork. Ideally suited for modelmaking and stencilling. Most airbrushes are held like pens and can be awkward to handle but this SATA airbrush has the conventional grip that most scenic artists are familiar with. It will also cope with paints that small airbrushes cannot handle.

This gun will operate using the very quiet Shhhh...Air compressor. Tip: Please pull in the trigger prior to screwing on the air cap or the hard needle will wear away the softer air cap.

SPECIFICATION: Inlet pressure: 1.0 bar [14.5 psi]. Air consumption: 40 NI/min [1.4 cfm]. Spray distance: 120 - 190 mm. Wt: 250 g.

- ☐ Supplied with: 65 cc gravity cup, 25 cc plug-in glass cup, 3 spare glass cups.

Take a look at Ben Johnson's amazing paintings at www.BenJohnsonArtist.com

SATAjet 20 B

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

SATAjet 20 B	code	list	Tradeline
Gun 0.5 mm nozzle & 0.6 L cup	SATA86207	£416.00	£332.80
Gun 1 mm nozzle & 0.6 L cup	SATA86223	£416.00	£332.80
Spare 1 mm set up	SATA61523		£98.80

SATAgaph 3



SATAgaph 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]

SATAgaph 3	code	list	Tradeline
SATAgaph 3 without hose	SATA134569	£353.00	£317.70
3 m PVC hose and fittings	SATA32987		£57.80

SATA AIR GAUGES



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.

SATA Air Micrometer with Gauge	code	price
When purchased alone	SATA27771	£98.00
When purchased with a gun - save 15%	SATA27771+Gun	£83.30



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

SATA ADAM 2 Digital Micrometer	code	price
ADAM 2 including docking station	SATA160846	£251.70
ADAM 2 docking station only	SATA160788	£83.90
ADAM 2 docking station only for SATAminijet	SATA160861	£83.90
ADAM 2 battery kit	SATA160739	£39.80

SATA ACCESSORIES



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.

Universal Gun Holder	code	price
	SATA192195	£341.91



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

SATA Gravity Cup Filters	qty	code	price
SATA Gravity Cup Filters	pack of 10	SATA3988	£24.70

For more paint filters and strainers see page 85.

SATA Silicone-Free Grease High-performance grease for spray guns. Acid-free. An essential accessory.

Silicone-Free Grease	size	code	price
	100 g	SATA48173	£13.20

SATA 1 L Alloy Cup Quick change cup for any SATA gun with or without QCC.

1 L Alloy Cup	code	price
	SATA96685	£71.80

SATA Cleaning Set Complete with 2 cleaning brushes and 12 cleaning needles.

Cleaning Set	code	price
	SATA64030	£41.90

SATA RPS RAPID PREPARATION SYSTEM



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.

An ingenious time saving device!

SATA RPS Rapid Preparation System	code	price	Tradeline
			qty price
0.6 L RPS with plug-in sieve	SATA125070	£2.36	57+ £1.77
0.9 L RPS with plug-in sieve	SATA118489	£2.34	40+ £1.98

EXTENSIONS FOR SPRAYING BOXES AND FLOORS

Save backache when spraying floors!



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.

SATA Extension	code	list	Tradeline
Right-angle 200 mm extension 1.6 mm	SATA154294	£570.90	£513.81

HEAVY-DUTY SPRING



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 SATAminijet and SATAjet B 20.

Heavy-Duty Spring	code	price
	SATA4648	£11.50

OTHER SPRAY EQUIPMENT

PRESSURE POTS & AGITATORS



My favourite toy

Spray Gun Not Included

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.

Please refer to Heavy-Duty Springs on previous page.

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



Pressurised Cup	code	list	Tradeline
	SATA25775	£374.40	£336.96

A real time saver



SATA 24 L Pressure Pot in Stainless Steel

We have selected this pressure pot for projects which require large quantities of paint or viscous material to be sprayed. It can be used to prime large cloths or to spray materials such as Rosco CrystalGel and Weave Filler 1047 and to add texture effects to cloths or scenery. It can also spray any viscous paints to obtain heavy splattering effects on vertical surfaces without fear of the material

running. This pot is suitable for water- or oil-based materials and can be fitted to allow two guns to be operated at the same time. If you are spraying materials which tend to settle, the pot can be fitted with an automatic or manual agitator. These pots are fitted with dual regulators for fine control of both air and material pressure.

- ✓ Dramatic time saving
- ✓ Super fast spraying at unbelievable speeds
- ✓ Ability to spray large quantities of many viscous materials
- ✓ Two operators can work at the same time
- ✓ Perfect control to obtain repeatable and even results
- ✓ Ability to spray materials which would normally have to be hand applied

Sata 24 L Pressure Pot	code	list	Tradeline
24 L Pressure pot	SATA17725	£2,467.00	£2,220.30
Surcharge for allowing second painter	SATA181990	£379.90	£341.95
6 m material & compressed air line supply set	SATA77834	£304.50	£274.05
10 m material & compressed air line supply set	SATA77842	£407.50	£366.75
15 m material & compressed air line supply set	SATA77859	£506.40	£455.76
NB: you will require 2 hose sets for a twin gun set-up			
SATAjet 1000K Spray gun + 2.5 mm nozzle set	SATA153486	£501.00	£400.80
NB: you will require 2 guns for a twin gun set-up			

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.

SATA Agitator	code	list	Tradeline
Compressed air agitator	SATA16477	£821.70	£739.53
Hand agitator for 24 L pot	SATA3525	£248.60	£223.74



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].

Pro Spray Gun	code	list	price
	TOL811	£41.33	£37.57



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.

PSC Spray Gun	code	list	price
	TOL810	£26.73	£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]

Graco Air Texture Gun	code	Tradeline
For frequent users	TOL245924	£209.00



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.

Clarke Air Texture Gun	code	list	Tradeline
For occasional use	CLA5091120	£139.27	£82.47

BLOW NOZZLES



SATA Turbo Nozzle

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.

Blow Nozzles	code	list	price
SATA Turbo nozzle	SATA133306		£33.20
Long nose gun	TOL825	£7.68	£5.69

HAND SPRAYERS



Hand-Held Misters Strong hand sprayers with a wide range of applications such as applying flameproofing. We stock the popular and economical Kingfisher 2 pint version and the extra robust Hozelock Spraymist Sprayer.

Hand-held Mister	size	code	price
Kingfisher Economy	1.5 L	SAFS4000	£4.65
Hozelock Spraymist Sprayer	1.25 L	SAFHOZ4122	£21.61



Hudson PumpLess Sprayer
Excellent value larger capacity sprayer with a highly efficient pump which pressurises with fewer strokes. So when they say "PumpLess" they mean you pump fewer strokes rather than a pumpless sprayer with no pump at all which would be clever.

✓ Our most popular big sprayer

Hudson PumpLess Sprayer	capacity	code	price
	8 L	HUD27912	£39.98



Hudson Suprema Bak Pak Sprayer Ideal for fireproofing large areas.

- ✓ Tough one-piece blow-moulded tank that is translucent for viewing liquid level
- ✓ Large easy-fill opening
- ✓ Corrosion resistant piston pump
- ✓ Roto-valve on/off control rotates 360° for up or down spraying with no bending or wrist twisting

Hudson Bak Pak Sprayer	capacity	code	Tradeline
	15 L	HUD63184	£125.00



Professional X-Pert Sprayer
Widely used in America for painting large cloths. Built for the finest performance and ease of use, extra rugged and dependable. Heavy gauge stainless steel, 390 mm brass pump with locking T handles, built-in pressure gauge and pressure relief valve, 60 mesh in-line strainer, Kem-Oil™ hose and more. Makes a first class paint sprayer. Can also be used to power spray guns.

Professional X-Pert Sprayer	capacity	code	Tradeline
	11.4 L	HUD93793	£378.29

For cleaning, use Mylands Spray Gun Cleaner [page 61].

AIRLESS SPRAY EQUIPMENT



TriTech Airless Spray Equipment For extremely rapid spraying of large areas nothing compares with airless

Spray paint and textures fast!

equipment. Choose the T5 unit for rapid priming of large cloths, spraying interiors of theatres or warehouses. Choose the T7 unit for spraying Flints Mud, Flintex, Idenden Brushcote and Spraycote. T5 comes as a stand mount, T7 as a hi-cart. Both also available as stand, or hi-carts; call for a quote.

SPECIFICATION: T5 110 V. Max working pressure: 3,300 psi. Max tip size: 25/1000". Max flow rate 2.27 L/min. Wt: 16.8 kg.

T7 110 V. Max working pressure: 3,300 psi. Max tip size: 27/1000". Max flow rate 2.65 L/min. Wt: 39.4 kg.

☐ Supplied with: 15 m hose, gun and tip.

- ✓ High quality finish
- ✓ Virtually no overspray
- ✓ Aluminium exterior
- ✓ Very quick and efficient

Airless Spray Machine	code	list	Tradeline
T5 Stand mount [110 V]	PATT5110V		£1,650.00
T7 Hi-Cart [110 V]	PATT7110V		£2,150.00
Transformer for 240 V supply [Twin outlet]	TOLCM10002	£97.19	£74.59

Mylands Airless Paint	code	list	10 L
White Emulsion	MYL040	£99.74	£83.81

DUSTING TOOLS



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.

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