

# Quality from the **Basis**

The product range for  
professional application  
of primer and filler materials

- SATAjet® 100 B -  
primer guns for professionals
- **NEW:** SATA® filter 100 prep™ -  
compressed-air filter specifically  
designed for the prep area
- Respiratory protection systems  
for the painter and accessories



## SATA® filter 100 prep™ - High quality air purification also in the prep area

Dust particles, condensate and compressor oil in compressed air lines cause coating flaws and, subsequently, high rework costs. A perfect paint job can only be built on a perfectly prepared surface with complete absence of condensate, dust inclusions and other coating flaws. This is why **compressed air** should also be **perfectly purified in the prep area**.

### Cost-effective solution at a high quality level

The combi fine filter unit **SATA filter 100 prep**, featuring **two filter stages**, has been especially developed for air purification in the prep area. There, the filter unit is only exposed to room temperature and does not need to withstand high baking temperatures, as is the case with filters installed in spray booths. Concerning air volume and filtration capacity, too, the system has been specially adapted to the requirements of the prep area. Therefore, it has been possible to construct the SATA filter 100 prep in a cost-effective, yet recognized SATA build, without setting aside essential quality characteristics. **Finest dirt particles and other substances of a size greater than 0.1 micron affecting the painted surface, respectively, are separated.** Thus, the filter combination fulfills modern requirements for compressed-air quality for the application of primer materials. No prep area should be without the SATA filter 100 prep.

## Quality from the very beginning

Increasing requirements of body-shops with regard to surface quality as well as economic aspects keep SATA striving for practical innovations in the field of painting technology.

Primer and filler lay the foundation for a perfect coating. Thus, material and application technology should form a homogeneous system in order to provide the basis for the required high quality level of any topcoat finish.

With SATA products specially designed for the application of primer materials, professional painters are perfectly equipped.



### Practical functions

- First filter stage with cyclone separator and sintered bronze filter for separating oil droplets, condensate and floating particles; filtration capacity greater than 5 µm
- Automatic condensate discharge valve for low maintenance and high operating safety
- Second filter stage with micro-fibre fine filter cartridge for the finest separation of particles; filtration capacity greater than 0.1 µm
- Filter service sticker indicating the timely replacement of the filter cartridge
- Pressure regulating valve with gauge for precise adjustment of the outlet pressure
- Air outlet with teflon ball tap G ¼ (1/4 BSP) ext.



### Technical details

- Air flow > 800 NI/min (28.24 cfm) at 6 bars (87 psi)
- Air inlet G ½ (1/2 BSP) int.
- Max. ambient temperature 50° C (122° F)
- Weight 2.9 kg (6.4 lb)

### Essential characteristics at a glance

- Optimized for the prep area
- Extremely easy mounting
- Sturdy, low maintenance
- High and safe separation capacity
- A small investment for a great quality improvement

## SATAjet® 100 B - unmatched for the application of primer materials

Preparation materials such as **primer, filler and spray putty** fulfill an important function within the paint process. Therefore, particular attention must be given to the application of these materials and the use of the correct primer gun. The fine material atomization and the wide fan of the SATAjet 100 B provide **smooth material distribution** and **reduce rework**. The minimized sanding effort helps saving expensive labour time.

### The specialist for every surface

The SATAjet 100 B is very versatile due to its flexibility with regard to atomization pressure adjustment. From spot repair to large surfaces – starting from a **gun inlet pressure of 0.5 bar (7.25 psi)**, the primer gun can be adjusted in a way which allows to paint small repair areas economically with extremely low overspray, too.

### The appropriate solution for every professional

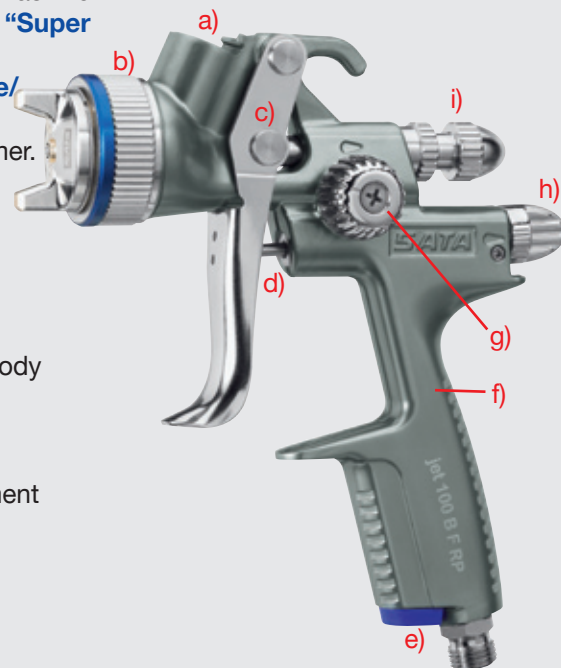
According to his technique, the object and the material, the painter has the choice between the “**Super Saver**“ **SATAjet 100 B F HVL**P and the “**Super Speed**“ **SATAjet 100 B F RP**.

Both variations (**HVL**P low pressure and **RP** optimized high pressure/**compliant technology**) achieve a transfer rate above 65 % and can be used for the application of both waterborne and solvent-based primer.

### User-friendly with optimized ergonomics

Easy cleaning and handling due to:

- a) QCC cup connection (bayonet)
- b) Sturdy air cap thread
- c) Trigger with paint needle cover
- d) Self-adjusting packings
- e) CCS clip for individual marking
- f) Smoothly polished, ergonomically optimized gun body
- g) Round/flat spray control for single-hand operation
- h) Air micrometer for atomization air adjustment
- i) Material flow control with locking nut



### Order numbers

**SATAjet® 100 B F™ HVL**

Gun with 0.6 l QCC cup	Nozzle set
1.4 Order # 146373	1.4 Order # 146381
1.7 Order # 145722	1.7 Order # 145417
1.9 Order # 145730	1.9 Order # 145425
2.1 Order # 145748	2.1 Order # 145433

Air consumption approx. 350 NI/min (12.4 cfm) at 2 bars (29 psi)

**SATAjet® 100 B F™ RP™**

Gun with 0.6 l QCC cup	Nozzle set
1.4 Order # 146969	1.4 Order # 146977
1.6 Order # 145193	1.6 Order # 145250
1.8 Order # 145201	1.8 Order # 145268
2.0 Order # 145219	2.0 Order # 145276

Air consumption approx. 290 NI/min (10.2 cfm) at 2 bars (29 psi)

The **SATAjet 100 B P** is specially designed for the **application of polyester spray putty/filler** and is indispensable for creating high film builds along with a sharp-edged fan.

Due to the new QCC cup connection, the SATAjet 100 B is also perfectly suitable for the use with SATA® RPS™ disposable cups (see page 4).

**SATAjet® 100 B P™**

Gun with 0.6 l QCC cup	Nozzle set
P Order # 145185	P Order # 145284

Air consumption approx. 245 NI/min (8.7 cfm) at 2 bars (29 psi)

# Perfectly equipped with original SATA accessories and spare parts

## RPS™ at a glance

Fits without adapter to all spray guns with this logo



Advantages that speak for themselves:

### Only 3 components!

- Simple and quick handling
- Reduced weight
- Single parts available separately

### No adapter required!

- Secure mounting and usual work procedures
- Reduces cost due to solvent savings
- Well-balanced ergonomics
- Fits directly on any SATA QCC or standard thread spray gun

### A true lightweight!

- Weighs only approx. 50 g/0.11 lb (0.6 l version)
- Fatigue-free painting even with a full cup
- Makes daily work noticeably easier

### Perfect storage!

- Profitable and economic material usage
- Sturdy cup for storage without leakage
- Reusable

For recommended sieve size, please contact your paint manufacturer:

### SATA® RPS™ 0.6 l

Pack of 57 cups and lids with

flat sieves 125 µ

Order # 125 062

plug-in sieves 200 µ

Order # 125 070



### SATA® RPS™ 0.9 l

Pack of 40 cups and lids with

flat sieves 125 µ

Order # 118 471

plug-in sieve 200 µ

Order # 118 489



**QCC™ quick change gravity cup** plastic (0.6 l) or aluminium (1 l) for SATA guns (with/without QCC); genuine only with red ring.  
**Order # upon demand**



Order # 148 270

### Microfiber filter cartridge

Spare filter cartridge for second filter stage (filtration capacity > 0.1 micron) of the SATA® filter 100 prep™.



Order # 53 090

### High quality air hose

Free from substances which could affect the painting result, antistatic, diameter 9 mm, complete with nipple and quick coupling.



Order # 121 996

### SATA® one for all™

Fine dust filter mask with exhalation valve. Provides protection from particles up to 10 times the maximum workplace concentration, e.g. when polishing of metal, wood or plastic. Pack of 12 units.



Order # 145 581

### SATA® clean RCS™

Cleaning system for quick and safe intermediate cleaning of the paint spray gun during color changes.



Order # 40 188

Order # 134 882

### Gun holders

Secure positioning of gravity cup paint spray guns (also suitable for RPS). Also available with sieve holder.



Order # 134 288

### SATA® air star F™

Due to its dual filter system (category A2:P3 R D), the respiratory protection half mask, complete with hygienic storage box, provides protection against dust, dirt and organic solvent vapors of up to 30 times the maximum workplace concentration. Separate leaflet available.



Order # 133 322

### Painter's gloves

Disposable painter's gloves, powder- and silicone-free. Protects your skin when painting or cleaning with solvent-based or waterborne liquids. Pack of 100 units.



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