

SATA® Cleaning Systems



German Engineering

Spray Guns | Cup Systems | Breathing Protection | Air Filtration | [Accessories](#)



Optimum Spray Gun Cleaning

SATA clean RCS – Quick and thorough intermediate cleaning

The pneumatically operated rapid cleaning systems SATA clean RCS, SATA clean RCS compact and SATA clean RCS micro ensure quick, clean and comfortable intermediate spray gun cleaning when using disposable cup systems, such as SATA RPS. Due to their high cleaning efficiency, work interruptions during colour changes are now extremely short. This helps optimise the work process as well as the utilisation of the spray booth, thus increasing profitability.

SATA clean® RCS® – the turbo cleaner

- Recommended for wall-mounting inside the spray booth – saves valuable time
- No disconnection or adjustment of the gun inlet pressure required, respectively due to automatic pressure regulation when switching between "spraying" and "cleaning"
- Optional: Conversion kit to connect large cleaning agent containers

SATA clean® RCS® compact

- To connect large cleaning agent containers
- Also recommended for wall-mounting in the mixing room
- Optional: Hose for extracting solvent vapours

SATA clean® RCS® micro

- Extremely compact device
- To connect large cleaning agent containers
- Also recommended for wall-mounting in the mixing room
- Optional: Hose for extracting solvent vapours

1. Flushing and cleaning of material passages and air cap (Ø approx. 20 sec.)



2. Dry-blowing (Ø approx. 5 sec.)



SATA clean RCS - Turbo Cleaning

- Rapid and safe colour change when using disposable cups, such as SATA RPS – even with critical changes, e.g. black/white
- Thorough cleaning of both material passages and air cap
- Saves time and increases productivity and profitability
- Suitable for waterborne and solvent-based paint systems
- Storage area for ready to use RPS disposable cups

After every paint job and especially before every colour change, spray guns can be **intermediately cleaned** effectively and economically on spot and **several times a day** – e.g. in the spray booth.



SATA clean RCS – the turbo cleaner
Convenient solution for the spray booth without disconnecting the spray gun and readjusting the inlet pressure of the spray gun.



SATA clean RCS compact
Ideal for wall-mounting in the mixing room.



SATA clean RCS micro
Ideal for wall-mounting in the mixing room.

3. Colour change



SATA clean RCS compact, SATA clean RCS micro
Allows the use of large original containers of cleaning solution (not supplied)

SATA multi clean 2 – Final Cleaning in the Gun Washing Machine

Spray guns should be **thoroughly** cleaned at least **once a day**. The SATA multi clean 2 – the powerful gun cleaning machine featuring an area for manual gun cleaning and a fume extraction system – ensures a safe, convenient and efficient gun cleaning process.



- Automatic cleaning (approx. 3 min.) in an enclosed system – VOC-compliant and environmentally friendly
- Suitable for solvent-based and waterborne cleaning solutions or combination cleaning solutions
- Cleaning agent-supplied brush for manual pre-cleaning
- Low-pressure air connection to prevent cleaning solution from penetrating the air passages of the spray gun during the cleaning and rinsing process.
- Powerful, pneumatically operated double diaphragm pump – robust and low-wear
- Two separate storage containers for the cleaning and rinsing cycle
- Only 0.2 l of fresh cleaning solution is used for each cleaning cycle – fresh cleaning solution is only required for the rinsing process
- Replaceable filter mat (Art. No. 38042) to absorb coarse residues
- Automatic fume extraction system to protect the painter from harmful vapours whilst the lid of the cleaning chamber is open





Pre-cleaning with a soft brush which is constantly fed with cleaning solution directly in the washing chamber with suction



Pedal switch to supply the brush with cleaning solution



















SATA Cleaning Systems

	Intermediate Cleaning			Final Cleaning
Available versions				
	SATA clean RCS	SATA clean RCS compact	SATA clean RCS micro	SATA multi clean 2
Art. No.	145581	192518	202564	38257
Technical Data				
Dimensions (l x w x h) in mm	310 x 705 x 225	310 x 465 x 225	185 x 465 x 205	660 x 1000 x 380
Net weight	10 kg	7 kg	4 kg	30 kg
Inlet pressure	6.0 – 8.0 bar	4.0 bar	4.0 bar	5.0 – 6.0 bar
Air consumption	135 NI/min per cleaning process including drying cycle			270 NI/min per cleaning process
Air connection	1/2 ' male or G 1/4 ' female thread	1/4 ' male thread		G 1/4 ' female thread
Container for cleaning agent	2x RPS cups; alternatively: retrofit kit for external pick-up and recirculation of cleaning agent from two bulk containers (Art. No. 189472)	2 containers (not included in delivery)		2 containers of each 15 litres
Required time per cleaning process	approx. 25 sec			max. 3 min
Rinsing agent volume per cleaning process	approx. 140 ml			max. 200 ml
Type of cleaning agent	Water, solvent-based or combination cleaner			Water, solvent-based or combination cleaner
External pick-up and recirculation of cleaning agent for bulk containers	○	●	●	●
Manual cleaning	●	●	●	●
Automatic cleaning with time control	–	–	–	●
Integrated drying	●	●	●	–
Blow-off device	●	●	●	●
Number of cleaning/drying chambers	2	2	1	1
Installation location	Spray booth	also in the mixing room/area outside the spray booth		Mixing room/area outside the spray booth
The spray gun can remain connected to the air line during the cleaning process	●	–	–	–
Connection for exhaust air	●	●	●	●

● Standard | ○ Optional | – non-existing/not required

Accessories:

		Versions			
					
		SATA clean RCS	SATA clean RCS compact	SATA clean RCS micro	
Recommended connection accessories (depending on the installation method)					
10934	Teflon ball valve 1/2 ' male thread for air inlet	X	—	—	
146514	SATA air hose, blue, 13 mm, length 0.5 m, G 1/2 ' female thread, connection separately included	X	—	—	
13870	SATA air hose, blue, 9 mm, length 1.2 m, with quick coupling and nipple	X	X	X	
53090	SATA air hose, blue, 9mm, length 10 m, with quick coupling and nipple	X	X	X	
13581	SATA quick coupling 3/8 ' male thread	X	—	—	
13623	SATA quick coupling 1/4 ' male thread	X	—	—	
192633	Flexible tube, aluminium, length 5m, for the extraction of solvent vapours	X	X	X	
Other accessories/spare parts					
147082	Grounding cable, 3 m	X	X	X	
9886	SATA universal spray gun holder	X	X	—	
192195	SATA universal spray gun and gun hose holder	X	X	—	
6981	SATA quick coupling nipple 1/4 ' female thread (5x)	—	X	X	
53942	Nipple 1/4 ' male thread	X	—	—	
189472	External pick-up and recirculation of cleaning agent suction for bulk containers	X	X	X	
Spare parts SATA multi clean 2					
21188	Pressure reducer with pressure gauge 0 - 10 bar				
26815	Flexible tube, aluminium, length 5m, for the extraction of solvent vapours				

For more information on spray gun cleaning, please contact your SATA dealer or visit www.sata.com/firstaid. For personal consulting, please call us at +49 7154 811-200!



www.sata.com/firstaid

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