

SATA® vario top spray™



*German Engineering*

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



**Full power!**

# SATA vario top spray – Double diaphragm pump

## Versatile fields of application

The SATA vario top spray is a real problem solver in automotive and industrial coating processes, manufacturing as well as in wood and furniture coating. It is suitable for the use of both conventional solvent-based paint systems of different viscosities and structures and for waterborne paints and coating materials.

In combination with many available practical SATA accessories, and due to its modular construction based on the diaphragm technology, the SATA vario top spray offers **versatile fields of application.**



- High performance diaphragm pump technology with enhanced pump capacity for high speed application
- Robust, wear resistant and low-maintenance double diaphragm technology
- Large variety of pumps for liquid transportation, material delivery and paint applications
- High profitability and fast return on investment, due to continuous material delivery and high transfer efficiency
- Ultra-fine atomisation of primer materials and topcoats in conjunction with the reliable, top quality

- SATA spray guns (e.g. SATAjet 3000 K and 1000 K)
- Two different versions are available: Standard version in aluminium for the application of solvent-based materials, and stainless steel version for the application of both solvent-based and waterborne materials.

## Technical Design



- \* Pressure drop varies depending on the type of spray gun
- \*\* Pressure difference to material pressure min. 1 – 1.5 bar
- \*\*\* According to hose length, paint material and working height; refers to the ideal work pressure of a spray gun

## Available versions

### Double diaphragm pump

Used as stand-alone material supply unit, it is an ideal solution for a large variety of applications in both craft and industry, irrespective of its mounting position



### Stand version (S)

Stands securely on any type of floor, e.g. for construction sites or in the shop



### Wall-mounted (W)

Stationary use, suitable, for instance, in mass production



### Trolley version (F)

Ideal for mobile shop applications, e.g. when coating large vehicles.



## TECHNICAL DATA

Pump ratio	<b>1:1</b>
Max. permissible material operating pressure	<b>8 bar</b>
Max. permissible air operating pressure	<b>8 bar</b>
Volumetric delivery per double stroke	<b>170 cm<sup>3</sup></b>
Max. permissible double stroke frequency	<b>140/min.</b>

Min. air inlet pressure **0.8 bar**

### Weight of the double diaphragm pump:

Standard version	<b>5.8 kg</b>
Stainless steel version	<b>12.3 kg</b>

Max. permissible output with water at free passage **23.8 l/min.**

Air consumption per double stroke **1.4 NI/min.**

SATA vario top spray versions	Art. Nos. standard version	Art. Nos. stainless steel version
Double diaphragm pump (industrial version without fittings etc.)	56010	90662
W Wall-mounted version	61507	72678
S Stand version	81661	81406
F Trolley with connection for one spray gun	61515	72694
F Trolley with connection for two spray guns	63974	upon request
FFB Trolley/Gravity flow cup with suction hose	62745	upon request
FFB Trolley/Gravity flow cup without suction hose	138941	138958

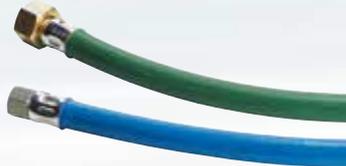
each cpl. with compressed air and material fittings incl. material fine pressure regulator

## Accessories:

### Pair of hoses

Available in different lengths for various fields of application.

Art.No. upon request



### Material quick coupling

Quick disconnection of the pressure fed spray gun without pressure relief.

Art. No. 91140

Art. No. 91157 (with 60 msh filter)



### SATA® air vision 5000 carbon set

SATA breathing protection system contains hood, belt and activated charcoal air regulation unit (with activated charcoal adsorber)

Art. No. 214676



### SATAjet® 3000 K

Industrial spray gun for highest demands in terms of surface quality and efficiency.

Art. Nos of the different versions are available with your SATA dealer or at [www.sata.com](http://www.sata.com)



### SATAjet® 1000 K

Lightweight and ergonomically shaped spray gun for fine atomisation and high speed application

Art. Nos of the different versions are available with your SATA dealer or at [www.sata.com](http://www.sata.com)



Your SATA dealer



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