

SATA

German Engineering

Additional products

All-round first-class spray-painting





Spray-painting for pros

Paintwork on vehicles is subjected to the toughest demands. Colour accuracy, brilliance, effect formation, flow and gloss level – these are just some of the quality criteria that a paint finish must meet these days. Certain prerequisites must be met in order to achieve a high level of process reliability in daily work and to avoid cost-intensive rework. High-quality, state-of-the-art spray-painting tools are an elementary component in the process chain. Quality work also requires the use of technically pure compressed air. Last but not least, extreme attention must be paid to protecting the health of employees. For each of these areas, SATA offers solutions that are precisely aligned with practical requirements.

Content

SATA trueSun	4
SATA dry jet 2.	8
SATA suit race	10

SATA trueSun

Daylight solution.

Adjustable.

Uniform light distribution.





The amount of work caused by a wrong decision and the associated high costs of repainting the area leave no room for compromise when it comes to choosing the light quality.

In order to ensure that the correct colour variant is selected during refinishing and the associated colour shade can be determined, a light source that reproduces the entire colour spectrum of visible light (daylight) as far as possible must be used. The specially developed SATA trueSun facilitates professional shade evaluation and identification, including in the workshop.

The SATA trueSun daylight solution has a wide colour spectrum and reproduces colour tones true to nature. The even distribution of light across the illuminated surface reliably helps spray gun operators to easily find the right colour shade and to avoid wrong decisions that might require added effort. The continuously adjustable light intensity remains constant across the entire battery life.

BENEFITS

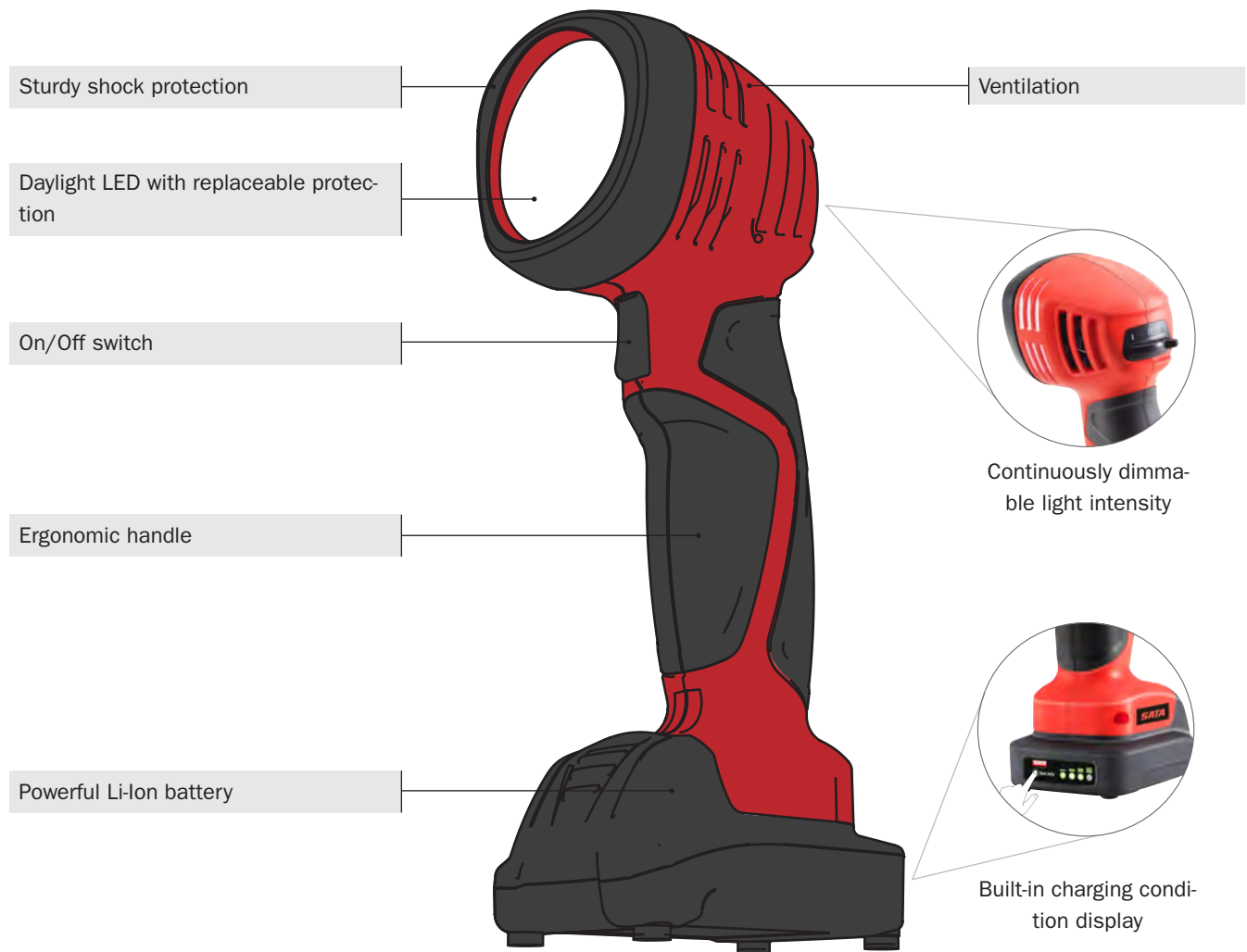
- Best possible near daylight reproduction of different color shades
 - Homogeneous light distribution across the entire illuminated area
 - approx. 70 minutes at full light intensity
 - Uniform light intensity - independent from accumulator charging condition
 - Charging cycle time of 50 minutes only
 - Infinitely adjustable light intensity
 - Built-in charging condition display
 - Near daylight reproduction of effect pigments
 - Coating flaws such as mottling can be easily detected
-



INFO
www.sata.com/truesun

SATA trueSun

The Daylight Solution



TECHNICAL DETAILS

LED light

Total weight	approx. 470 g
CRI value	97
Temperature of the material	approx. 5,600 K
Light intensity (lux)	22,000 lx at 30 cm distance
Operating temperature LED lamp	0° C - 40° C
Storage temperature LED lamp	-20° C - 80° C
Battery life at full light intensity	approx. 70 min.
Battery operating time	approx. 70 min.

Charger

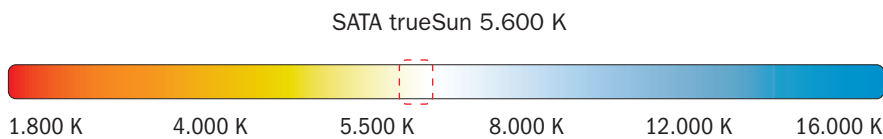
Weight	390 g
Rated voltage input	100 - 120 V (50/60 Hz) / 220 - 240 V (50/60 Hz)
Rated voltage output	10.8 V
Charging current	2.4 A
Charging time	approx. 50 minutes
Charging temperature	10° C - 45° C
Protection rating	II
Operating temperature	0° C - 40° C

Battery

Weight	300 g
Rated voltage	10.8 V
Capacity	2.7 Ah
Max. charging current	2.5 A
Max. discharging current	5 A
Charging temperature	0° C - 45° C
Discharging temperature	0° C - 60° C

COLOUR TEMPERATURE

The colour temperature of a light source is indicated in Kelvin (K). The temperature has influence on the optic impression. Therefore, it should be in a neutral range when defining the colour shade. The daylight (sunlight) at noonday sun has a colour temperature of approx. 5,500 – 5,800 K.



CRI VALUE

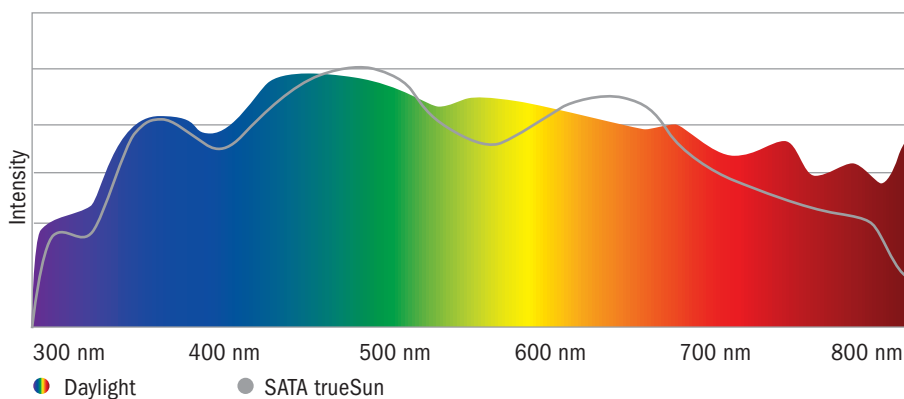
The CRI value (Colour Rendering Index) indicates the quality of the colour reproduction of a light source. This value is composed of the average value of 14 defined reference colours.

Daylight CRI value: 100

SATA trueSun CRI value: 97



SPECTRAL DISTRIBUTION – DAYLIGHT & SATA TRUESUN



LUX (LX)

Lux indicates the illumination intensity of a light source.

Daylight lux value: up to 100,000 lx

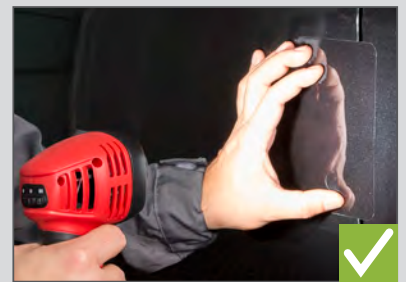
SATA trueSun lux-value: 22,000 lx at a distance of 30 cm



Colour shade does not match (red tint).



Colour shade and metallic effect do not match.



Colour shade and metallic effect match.

WARNING: The use or storage of the SATA trueSun LED lamp as well as the batteries and chargers in explosive or inflammable areas is prohibited.

SATA dry jet 2

Economical.

Long-lasting.

Low maintenance.





Water-based paints are widely used in paint shops today. These have longer drying times than solvent-based paint systems. The resulting longer occupancy times of the painting booths lead to a decrease in the operation's productivity. With the SATA dry jet 2 dry blow spray gun, drying times and cabin occupancy times can be reduced considerably.

OPERATING MODE

The SATA dry jet 2 dry blow spray gun uses the so-called Venturi principle – this is where it's not just compressed air that's drawn in, but also a multiple of that in ambient air. For example, 270 NI/min of compressed air fed into the system yields approx. 2,700 NI/min, which in turn is used directly for drying. In addition to a large air volume, a uniform and very broad air flow is a decisive factor for an appropriate reduction of ventilation time, and it is generated in the injector zone of the new wide-jet nozzle. Compared to commercially available models, it achieves about 15% higher drying performance.

ECONOMIC EFFICIENCY

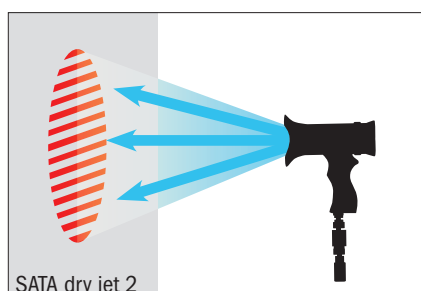
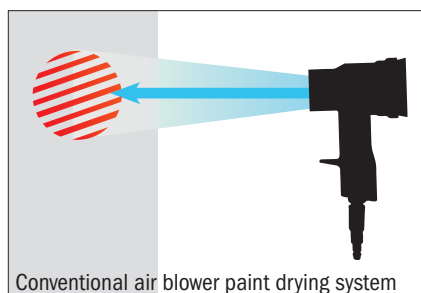
Your purchase will pay for itself in no time due to time saved thanks to shorter drying times. The Venturi principle keeps air consumption low. Using a SATA dry jet 2 means that expensive heating of the spray booths is generally not necessary.

FIELDS OF APPLICATION

Smaller surfaces can be dried with the hand-held SATA dry jet 2 guns; for larger surfaces, we recommend the SATA dry jet 2 stands for 2 or 3 dry-blower guns.

BENEFITS

- Shorter drying times with water-based paint systems
- Low investment costs
- Integrated air regulation
- Disposable sieve from the RPS multi-purpose cup system
- Ergonomic handle
- Easy handling
- Long lifetime and little maintenance



INFO
www.sata.com/dryjet2

SATA suit race

Health protection.
Low-linting.
Washable.





The SATA suit race is tailored to the needs of professional spray gun operators. With respirators and filter systems, it offers a perfect all-round health protection in the workplace.

The SATA suit race features all the important characteristics required in a professional spray-painting outfit. The overall is impervious to paint overspray, and its material composition (98% polyester, 2% carbon) makes it breathable, low-linting and comfortable to wear. Its high abrasion resistance, washable up to 60 °C and easy to iron makes it particularly durable and economical to use. Individually adjustable at the hood, cuffs, leg hems, waist. Available in S-XXL sizes.

BENEFITS

- Flame-retardant according to EN 14116 Index 1
 - Antistatic according to EN 1149-3
 - Free of paint-impairing substances
 - Impervious to paint overspray
 - Can be washed at 60°C and is ironable
 - Comfortable to wear, breathable
 - Lint-free, high wearing resistance
-

SATA

SATA GmbH & Co. KG
Domertalstrasse 20
70806 Kornwestheim
Germany
Tel.: +49 7154 811-200
Fax: +49 7154 811-194
E-Mail: export@sata.com
www.sata.com

