

Your partner for scanning supplies!

3D SCANNING SPRAYS & ACCESSORIES



Team AESUB & Its Passion

Team AESUB - Behind The Scenes

We are a team of diverse specialists, but all with a sound background in 3D scanning and aerosol development.

This unique combination enables us to change and shape the scanning spray industry. We know the needs of complex digitization processes and know how to provide dedicated solutions. We make scanning life easier with

our products.

We are continuously developing ourselves and our products and can therefore ideally support challenges and new requirements.

We love the daily exchange with users, scanning manufacturers, service providers and our partners.

What makes AESUB products stand out?



Development

We develop our products ourselves. This enables us to pick up trends and implement them quickly.



Network

The worldwide distribution network enables local availability of AESUB products.









Experience

Thanks to our years of experience in the 3D scanning market, we know the needs of our customers and tailor our products accordingly.

AESUB

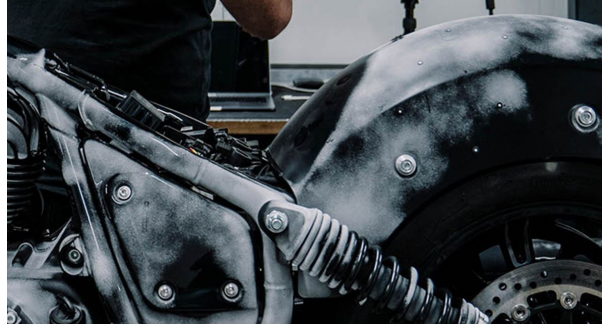
Product Range | Scanning Sprays

Product	AESUB Blue	AESUB Orange	AESUB White	AESUB Transparent	AESUB Green	AESUB Yellow	
Delivery form:	 aerosol can 400 ml			 bulk 1L, 5 L, 200 L		 bulk 200 ml	
Measurement volume:	S-M	S-L	S-XL	S-M	L-XL	XS-S	
Application:							
Spraying distance:	15-20 cm					5-10 cm	
Coating:	vanishing	vanishing	permanent	vanishing	vanishing	vanishing	
Effective scan time:	1-2 h	4-8 h	permanent	1-2 h	1-2 h	2-4 h	
Sublimation time:	4 h	12-24 h	--	4 h	6 h	4-6 h	
Colour:	white	white	white	transparent	white	white	
Contain pigments:	no	no	yes	no	no	no	
Contain titan dioxide:	no						
Layer thickness:	8-15 µm	2-6 µm	7 µm	15-20 µm	10-20 µm	0.5-1 µm	
Adhesion of reference points:	yes	yes	no	yes	yes	yes	
Coverage area:	4 m ² / can	4 m ² / can	4 m ² / can	4 m ² / can	15 m ² / L	20 mm ² / ml	
Optimal processing temperature	21°C (69.8°F)						
Shelf life:	5 years						
Packaging unit:	12 / box	12 / box	12 / box	12 / box	6 x 1L / box 5L 200L	12 x 200 ml 12 / box	

Are you missing a product? Contact us, our development never stands still.



AESUB BLUE



- ✓ Disappearing state-of-the-art scanning spray
- ✓ Free of pigments – free of titanium dioxide
- ✓ Developed & approved by scanning experts
- ✓ No cleaning required
- ✓ Thin & homogeneous coating

AESUB blue is a self-vanishing scanning spray developed by scanning experts. The spray evaporates within a few hours, meaning that there is no need for cleaning after scanning. Unlike traditional sprays, AESUB blue does not contain pigments and thus avoids pigment-contamination of sensitive areas, such as

laboratories and production sites, equipment and users. You can therefore apply AESUB blue directly, on spot of scanning, without any costly transport to avoid said pigment contamination in sensitive areas. Overall, AESUB blue greatly increases efficiency and productivity within the digitizing processes

How to apply AESUB blue?

- 
Layer thickness
~8-15 μm
- 
Free of TiO₂
- 
Effective scan time
1-2 h
- 
Delivery form
Aerosol can 400 ml



Spray



Scan



Done



AESUB ORANGE





- ✓ Disappearing state-of-the-art scanning spray
- ✓ Free of pigments – free of titanium dioxide
- ✓ Long-lasting
- ✓ No cleaning required
- ✓ Thin & homogeneous coating
- ✓ Developed & approved by scanning experts


AESUB orange is a long-lasting self-volatilizing scanning spray developed by scanning experts. It eliminates basic application problems of 3D metrology, especially in sensitive areas (laboratories, production, etc.) and protects the equipment from contamination by deposition of pigments. Expensive transports


of externally matted measuring objects to the sensor as well as the timeconsuming cleaning of the measuring environment and objects after scanning are no longer necessary. With AESUB orange, you achieve a significant increase in efficiency and productivity in the entire digitization process.

How to apply AESUB orange?


Layer thickness
~2-6 μm


Effective scan time
4-8 h


Free of TiO₂


Delivery form
Aerosol can 400 ml



Spray



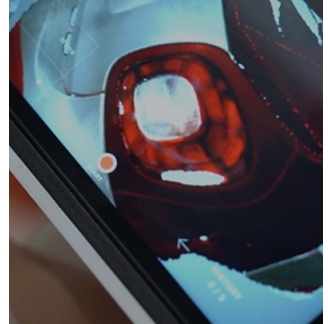
Scan



Done



AESUB TRANSPARENT



Disappearing state-of-the-art dulling spray



Perfect for colour capture



Free of pigments – free of titanium dioxide



Fine, semi-transparent layer



No cleaning required



Developed & approved by scanning experts

AESUB transparent is a self-vanishing dulling spray developed by scanning experts. Developed for photogrammetry, Lidar or other colour capturing scanning methods. The spray evaporates within a few hours, meaning that there is no need for cleaning after scanning.

AESUB transparent can be applied directly, on spot of scanning. Overall, AESUB transparent greatly increases efficiency and productivity within the digitizing processes.

How to apply AESUB transparent?



Layer thickness
~8-15 μm



Effective scan time
1-2 h



Free of TiO₂



Delivery form
Aerosol can 400 ml



Spray



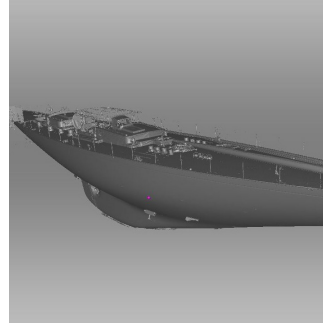
Scan



Done



AESUB WHITE



✓ Permanent scanning spray

✓ Free of titanium dioxide

✓ Developed & approved by scanning experts

✓ Contains pigments

✓ Thin & homogeneous coating

AESUB white is a permanent scanning spray developed by scanning experts. It is the result of consistent further development of permanent scanning sprays. The spray applies a homogeneous, thin matting layer onto the surface of the object. It is developed for optimal contrast values in optical scanning applications. AESUB white contains pigments,

propellant and solvent and has been optimized with regards to material compatibility. AESUB white sets new standards by optimizing the surface's homogeneity and reducing layer thickness. Unlike traditional sprays, AESUB white is free of titanium dioxide, associated with cancerogenic incidents through inhalation by the European Chemicals Agency.

How to apply AESUB White?



Layer thickness
~7 μm



Effective scan time
permanent



Free of TiO₂



Delivery form
Aerosol can 400 ml



Shake



Spray



Scan



Clean



AESUB YELLOW





- ✓ Disappearing state-of-the-art scanning spray
- ✓ Bulk airbrush system
- ✓ Perfect for small scale scanning applications
- ✓ No cleaning required
- ✓ Thin & homogeneous coating
- ✓ Developed & approved by scanning experts
- ✓ Free of pigments – free of titanium dioxide

AESUB yellow is a self-volatilizing scanning spray liquid developed by scanning experts. It eliminates basic application problems of 3D metrology, especially in sensitive areas (laboratories, production, etc.) and protects the equipment from contamination by pigment deposition. Expensive transports of externally

matted measuring objects to the sensor as well as the time-consuming cleaning of the measuring environment and objects after scanning are no longer necessary. With AESUB yellow, you achieve a significant increase in efficiency and productivity in the entire digitization process.

How to apply AESUB Yellow?


Layer thickness
~0.5-1 μm


Effective scan time
2-4 h


Free of TiO₂


Delivery form
bulk 200 ml

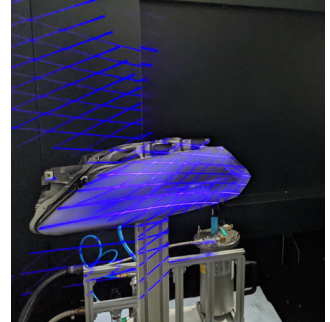

Spray


Scan


Done



AESUB GREEN



- ✔ Disappearing state-of-the-art scanning spray
- ✔ Bulk for spray gun
- ✔ Perfect for large scale & automated scanning applications
- ✔ Free of pigments – free of titanium dioxide
- ✔ No cleaning required
- ✔ Thin & homogeneous coating
- ✔ Developed & approved by scanning experts

AESUB green is a self-volatilizing scanning spray liquid developed by scanning experts. It eliminates basic application problems of 3D metrology, especially in sensitive areas (laboratories, production, etc.) and protects the equipment from contamination by pigment deposition. Expensive transports of externally

matted measuring objects to the sensor as well as the time-consuming cleaning of the measuring environment and objects after scanning are no longer necessary. With AESUB green, you achieve a significant increase in efficiency and productivity in the entire digitization process.

How to apply AESUB Green?



Layer thickness
~10-20 µm



Effective scan time
1-2 h



Free of TiO₂



Delivery form
bulk 1L, 5L, 200L



Spray



Scan



Done



AESUB Battery Spray Gun

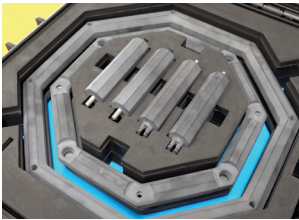
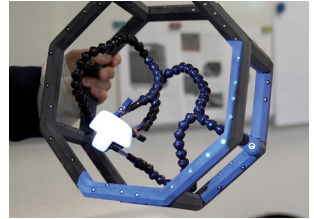
The AESUB spray gun is the perfect tool to apply our vanishing scanning liquid AESUB green. It is battery operated and therefore it gives full freedom during scan preparation.

- ✓ Perfect for the vanishing scanning liquid AESUB green
- ✓ Cordless due to battery operation
- ✓ For fast and accurate scanning pray coverage of large objects
- ✓ Spray nozzle optimized
- ✓ 800 ml container

AESUB battery spray gun - perfect for spraying large parts



AESUBdots frame



FAST FACTS

- ✓ Two different diameters: 200 / 300 mm, Sizes up to 600 mm are available
- ✓ 100mm extension beams to create larger frames according to workpiece size
- ✓ Hexagonal shape to optimize the reference marker visibility
- ✓ Certified AM aerospace grade quality – Ultem material
- ✓ Flexible arm with grippers for easy clamping of parts

The new target frame from AESUB sets objects into position for optical measurement in just a few steps. A modular set allows to assemble target frames with a diameter of 200mm or 300mm. The frame is additively manufactured with plug and screw connections directly

integrated to it. It can be, therefore, assembled without additional tools. As the frame is printed in black, no chemical finishing by colouring or anodizing is needed. All elements are compactly packed into one case, making the entire set ideal for mobile use.

SET INCLUDES

- 2x different diameter frames (200 mm & 300 mm)
- 12x extension rods for easy assembly
- 4x plastic crocodile clamps with 200 mm arms
- 2x metal arms
- 2x holder for clamp arms
- 2x clamp arm Y-joint
- Transport case

AESUBdots



AESUBdots black & white

Available diameter Ø:

0.8 mm
1.5 mm
3.0 mm
5.0 mm
6.0 mm
8.0 mm
10.0 mm
12.0 mm

AESUBdots retro reflective

Available diameter Ø:

3.0 mm
6.0 mm

Markers are adhesive and are usually placed on the part before scanning. This time-consuming process can be reduced significantly by using our AESUBdots target frames.



**AESUBdots target
frame**



**AESUBdots target
frame - box**

Find Your Local AESUB Dealer

AESUB has an international distribution network.
Scan the code to find your dealer.



Get Your Free Sample

Order your AESUB promo pack now and convince yourself!
Mail to info@aesub.com





STATE OF THE ART SCANNINGSPRAY

Location

Scanningspray Vertriebs GmbH
Johann-Strauss-Str. 13
45657 Recklinghausen
Germany

Email Us

info@aesub.com

Visit Us

www.aesub.com

MADE IN 
GERMANY

SPRAY | SCAN | DONE