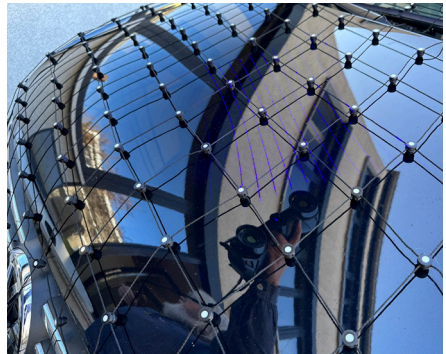


Your partner for scanning supplies!

3D SCANNING SPRAYS & ACCESSORIES



AESUB

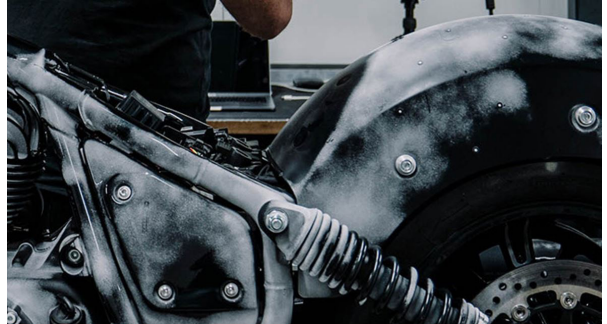
Product Range | Scanning Sprays

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 / 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

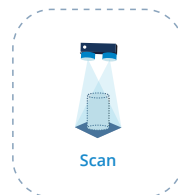
laboratories and production sites, equipment and users. You can therefore apply AESUB blue directly, on spot of scanning, without any costly transport to avoid said pigment contamination in sensitive areas. Overall, AESUB blue greatly increases efficiency and productivity within the digitizing processes

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 time-consuming 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



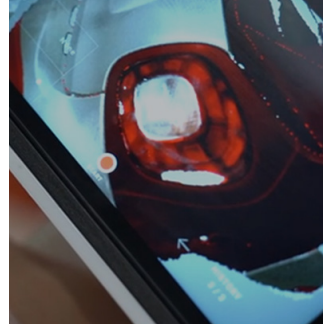
Scan



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. It creates a matte but still visible layer that is suitable for use with photogrammetry, Lidar, or other color-capturing scanning methods. The spray evaporates within a few hours, which means that there is no need for cleaning after scanning.


AESUB transparent can be applied directly to the spot of scanning, making it a convenient and time-saving tool for professionals in the digitizing process. Overall, AESUB transparent can greatly increase efficiency and productivity in the scanning industry.

How to apply AESUB transparent?



Layer thickness
~8-15 μm


Effective scan time
1-2 h


Delivery form
Aerosol can 400 ml


Free of TiO₂


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.

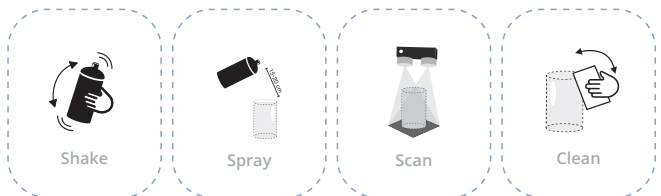
How to apply AESUB white?


Layer thickness
~7 µm


Effective scan time
permanent


Free of TiO2


Delivery form
Aerosol can 400 ml





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 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





AESUB AIRBRUSH WITH GRAVITY-FEED



For optimal application of AESUB yellow

Applying AESUB yellow with the AESUB airbrush pilot 1 results in a very fine and homogeneous surface, which is particularly suitable for close-up scans with high accuracy.

Settings

Operating pressure:	approx. 1 bar
Nozzle diameter:	0.3 – 0.5 mm
Connection:	G ¼"
Air consumption:	30L / min.
Plastic gravity cup:	125 ml

AESUBdots



AESUBdots black & white	AESUBdots retro-reflective PERMANENT	AESUBdots retro-reflective EASY REMOVABLE
<ul style="list-style-type: none"> • For structured light scanners • Coiled on roll • Tear perforation every 20-30 cm • Perfect for application on all vanishing AESUB sprays 	<ul style="list-style-type: none"> • For structured light scanners • Coiled on roll • Tear perforation every 20-30 cm • Perfect for application on all vanishing AESUB sprays 	<ul style="list-style-type: none"> • For structured light scanners • Coiled on roll • Tear perforation every 20-30 cm • Perfect for application on all vanishing AESUB sprays
AVAILABLE DIAMETER Ø		
1.5 mm 8 mm 3 mm 10 mm 5 mm 12 mm 6 mm		3mm 6mm



AESUB TARGET NET

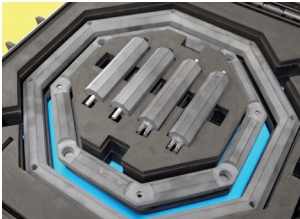
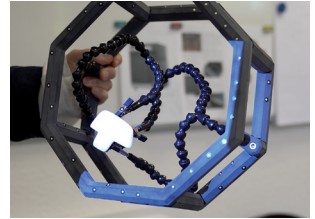


- ✓ Retroreflective reference points for immediate application on medium-sized or large components
- ✓ Magnet on each point base
- ✓ 300 dots are mounted on a black mesh - 1.50 x 2.00 m (larger dimensions on request)
- ✓ Removing the points is not necessary
- ✓ Reusable
- ✓ Perfect for application on all vanishing AESUB sprays

Sticking and removing dots has never been so easy thanks to the AESUB target net with its magnetic targets! Unfold and position the AESUB target net in less than 20 seconds. Scan in the usual manner and use standard post-processing routines to easily remove single elements and points of the AESUB target net in the post processing. Remove the net in just seconds!



AESUBdots frame



FAST FACTS

- ✓ Two different diameters: 200 / 300 mm, Sizes up to 600 mm are available
- ✓ 100 mm 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.

AVAILABLE SETS

AESUB target frame starter set 200:

1x diameter frames (200mm) + accessories

AESUB target frame starter set 300:

1x diameter frames (300mm) + accessories

AESUB frame complete set:

1x diameter frames (200mm) + accessories

1x diameter frames (300mm) + accessories
transport case

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.

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





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