

RapidScan3D

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 125 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 2 x 5L / box 200L	10 x 125ml / 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 titan dioxide
- ✓ Disappearing state-of-the-art scanning spray
- ✓ No cleaning required
- ✓ Thin & homogeneous coating
- ✓ Developed & approved by scanning experts


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 pigmentcontamination in sensitive areas. Overall, AESUB blue greatly increases efficiency and productivity within the digitizing processes

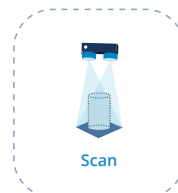
How to apply AESUB blue?


Layer thickness
~8-15 µm


Effective scan time
1-2 h


Free of TiO₂


Delivery form
Aerosol can 400 ml





AESUB ORANGE



Disappearing state-of-the-art scanning



Free of pigments – free of titan 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



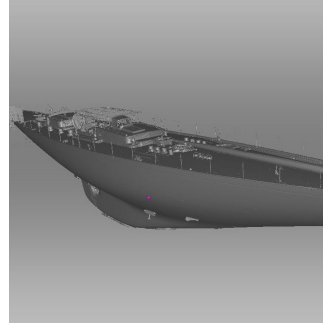
Scan



Done



AESUB WHITE



- ✓ Permanent state-of-the-art scaningspray
- ✓ 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 systems
- ✓ Perfect for small scale scanning applications
- ✓ No cleaning required
- ✓ Thin & homogeneous coating
- ✓ Developed & approved by scanning experts
- ✓ Free of pigments – free of titan 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

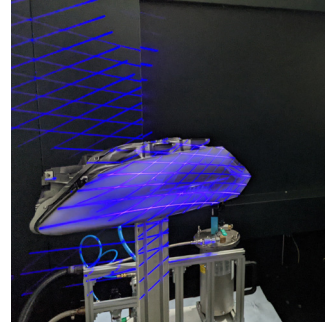

Free of TiO₂


Delivery form
bulk 125 ml





AESUB GREEN





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


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.

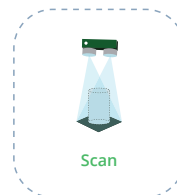
How to apply AESUB Green?


Layer thickness
~10-20 µm


Effective scan time
1-2 h


Free of TiO₂


Delivery form
bulk 1L, 5L, 200L



AESUB

Product Range | Accessories | Battery Spray Gun



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
- ✓ For fast and accurate scanning pray coverage of large objects
- ✓ Cordless due to battery operation
- ✓ 800 ml container
- ✓ Spray nozzle optimized

AESUB battery spray gun - perfect for spraying large parts

AESUB

Product Range | Accessories | Dots Target Frame

AESUBdots



AESUBdots – black & white

Available diameter Ø:

0,8 mm
1,5 mm
3,0 mm
5,0 mm
8,0 mm
10,0 mm
12,0 mm

AESUBdots – retro

Available diameter Ø:

3,0 mm
6,0 mm
12,0 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**

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



RapidScan3D

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RapidScan3D



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SPRAY | SCAN | DONE

