



AESUB SPRAY GUN

Applying AESUB green with the AESUB green Spray Gun results in a very fine and homogeneous surface, which is particularly suitable for large-scale scans



Technical Data

Jet nozzle size Ø:	1.0 mm
Wetted parts:	stainless steel
Airinlet:	G 1/4"
Materialinlet:	G 3/8"
Airinlet pressure:	recomm. 3-4 bar (0.2-0.3 PSI) max. 8 bar (116 PSI)
Cup volume:	500 ccm (17.5 fl.oz.)
Weight:	486 g
Adapter:	1/4"



AESUBDOTS APPLICATOR GUN



FAST FACTS

- ✓ The invention and development of the dots applicator gun is by AESUB
- ✓ The perfect tool for applying reference points instantly — this gun makes dot application quick and effortless
- ✓ Comes with AESUBdots roll featuring a single line of dots.

The AESUBdots Applicator Gun is a revolutionary tool that transforms the way 3D scanning dots are applied. Never before has there been a solution like this! If you're tired of manually placing thousands of dots, this game-changer is for you. Simply load

a roll of dots into the gun, and you're set to go. With this tool, placing dots becomes effortless and highly efficient, making the scanning preparation process smoother and faster than ever before.

AESUB DOTS



AESUBdots black & white PERMANENT	AESUBdots retro-reflective PERMANENT	AESUBdots retro-reflective EASY REMOVABLE	AESUBdots retro-reflective INFINITY
<ul style="list-style-type: none"> For structured light scanners Strong adhesive effect Coiled on roll Perfect for application on all vanishing AESUB sprays 	<ul style="list-style-type: none"> For laser scanners Coiled on roll Perfect for application on all vanishing AESUB sprays 		<ul style="list-style-type: none"> For laser scanners Coiled on roll Perfect for application on all vanishing AESUB sprays Retro-reflective targets placed in a random pattern on clear tape. Easy, simple and fast to remove.
AVAILABLE DIAMETER Ø			
1.5 mm 8 mm 3 mm 10 mm 5 mm 12 mm 6 mm		3 mm 6 mm 12 mm	6 mm



AESUB DOTS INFINITY



The placing of reference points required for 3D scanning of large-sized parts such as yachts, cars or big machine components is time-consuming and laborious. AESUB is therefore now offering continuous dots on a roll which can be quickly and easily removed and placed on large areas. The over 25 metre-long, transparent adhesive strip contains retroreflective reference points measuring 6 millimetres all along its length. The dots are distributed across the adhesive strip at irregular intervals of 50 – 70 millimetres. Because the adhesive tape is perforated at intervals of approx. 50 centimetres, it can be easily adapted to the relevant part size. The transparent

film is flexible and adapts to freeform surfaces even without folding. Within just a few seconds, the continuous dots have been positioned which means that the scanning process can begin immediately. Because the carrier film is transparent and very thin, only the dots are recognised and scanning through the carrier material can occur. After scanning, the adhesive tape can be removed just as quickly and easily. With large component parts, the continuous dots save several hours of work spent affixing and removing the measurement points.



AESUB DOTS MEDICAL



Medical reference targets play a crucial role in achieving precise alignment and calibration during 3D scanning. By strategically placing these targets on the limb or back, the scanner can capture intricate contours, organic shapes, and dimensions accurately — essential for applications such as custom prosthetics, orthotics, and surgical planning.

Application: These targets serve as consistent reference points that scanning software uses to merge multiple scans seamlessly into a unified 3D model.

Benefit: This consistency is especially vital when scanning complex shapes, such as limbs and smooth surfaces like human skin, which often require multiple angles to capture every detail accurately.

AESUBdots Retro Medical are available with a 6 mm inner diameter, designed specifically for this purpose.



AESUB DOTS HIGH REFLECTIVE RETRO

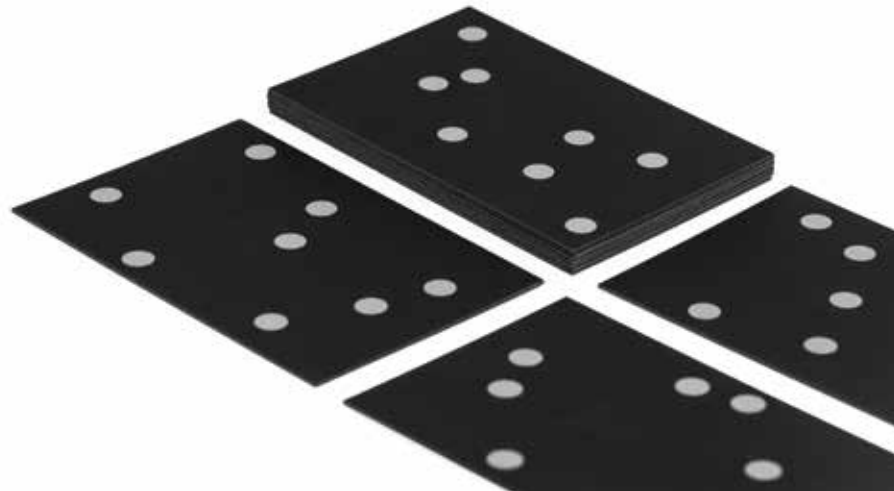


AESUB's high-reflective 3D scanning targets are specialized markers that significantly enhance the accuracy and efficiency of 3D scanning workflows. With retro-reflective properties, these targets reflect light back to its source, improving the scanner's ability to identify reference points, especially on complex or large surfaces.

Their high reflectivity makes them ideal for applications requiring precise reference points, such as when scanning objects over long distances.

These high-reflective targets assist in aligning multiple scans seamlessly, creating a unified 3D model crucial for precision-focused tasks like quality control, reverse engineering, and product design. For optimal results, it's essential to follow best practices in applying these targets, including careful distribution and placement on the object, to maintain accurate scanner positioning throughout the process.

AESUB CODE CARDS



AESUB Code Cards are designed with a specific dot pattern that acts as a reliable reference point for 3D scanning, especially when working on projects involving multiple parts. Each card features a unique pattern that allows the scanner to recognize and refer to individual card numbers seamlessly.

Measuring 60x90 mm and embedded with 6 mm retro-reflective targets, these cards are perfect for structured scanning workflows. Packaged in sets of 10, AESUB Code Cards offer an efficient solution for maintaining precision and organization in complex 3D scanning projects.

FAST FACTS

- ✓ 10 cards with individual pattern embedded with 6 mm retro reflective targets
- ✓ Reusable essential retro-reflective targets
- ✓ 6 mm retro reflective targets
- ✓ Size of the cards is 55x85 mm

AESUB DOMES



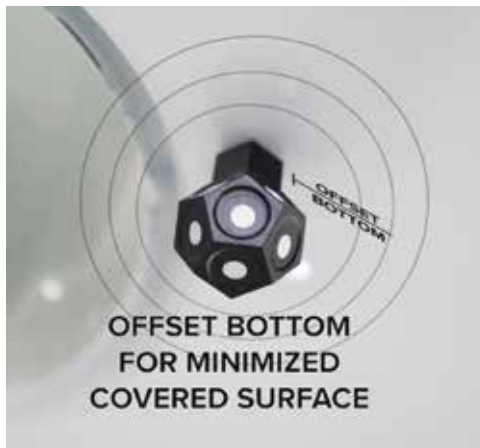
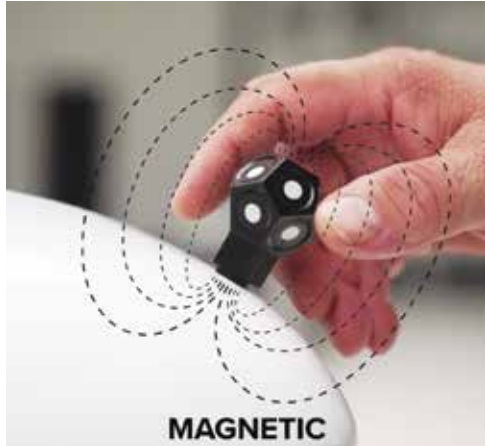
AESUB Domes are quick and efficient 3D scanning targets designed for seamless setup. Similar to AESUB Dice, these domes feature a magnetic base and an M4 threaded insert for secure placement. For even more versatility, a specially designed area allows for the use of putty to attach the domes to

various surfaces. Available in sizes ranging from 1.5 mm to 6 mm dots, AESUB Domes provide flexibility for different scanning needs, ensuring precision and adaptability in any project.

FAST FACTS

- ✓ Features a magnetic base, an M4 thread, and a space for applying putty
- ✓ Reusable essential retro-reflective targets
- ✓ Diameter of the domes are 60 mm
- ✓ Can be equipped with dots of various sizes

AESUB DICE



AESUB DICE



Reference points are essential for capturing intricate details, but challenges arise when markers can't be used due to an object's small size or delicate surface. Additionally, achieving excellent scans with fewer reference points is key, particularly when dealing with part rotation or multiple different views during scanning. This is where AESUB dice come into play.

AESUB dice can accommodate up to 11 x 6 mm retroreflective targets, or even more of 3 mm retroreflective targets. They are available with either a built-in magnet or an M4 thread, and their chamfered bottom minimizes data loss.

These lightweight dice not only enhance the efficiency of 3D scanning for complex objects but also reduce the reliance on reference points.

The magnet quickly attaches to metal surfaces, streamlining scanning preparation. For non-magnetic surfaces, you can use the threaded version or AESUB scan putty to secure the dices.

Next time you're scanning an object on a table surface, simply position a few of these dice around it to significantly improve your workflow.

AESUB MAGNETIC DOTS



AESUB Magnetic Dots are a cutting-edge solution for 3D scanning, designed with a 6 mm diameter and retro-reflective surface for precise scanning accuracy. These dots feature a magnetic backing, allowing easy placement on any metal surface for efficient scanning preparation. Created by 3D scanning experts, AESUB Magnetic Dots

are reusable, offering a sustainable and time-saving approach to setting up scans. Perfect for professionals looking for quick, reliable, and reusable reference points in their 3D scanning workflow.

FAST FACTS

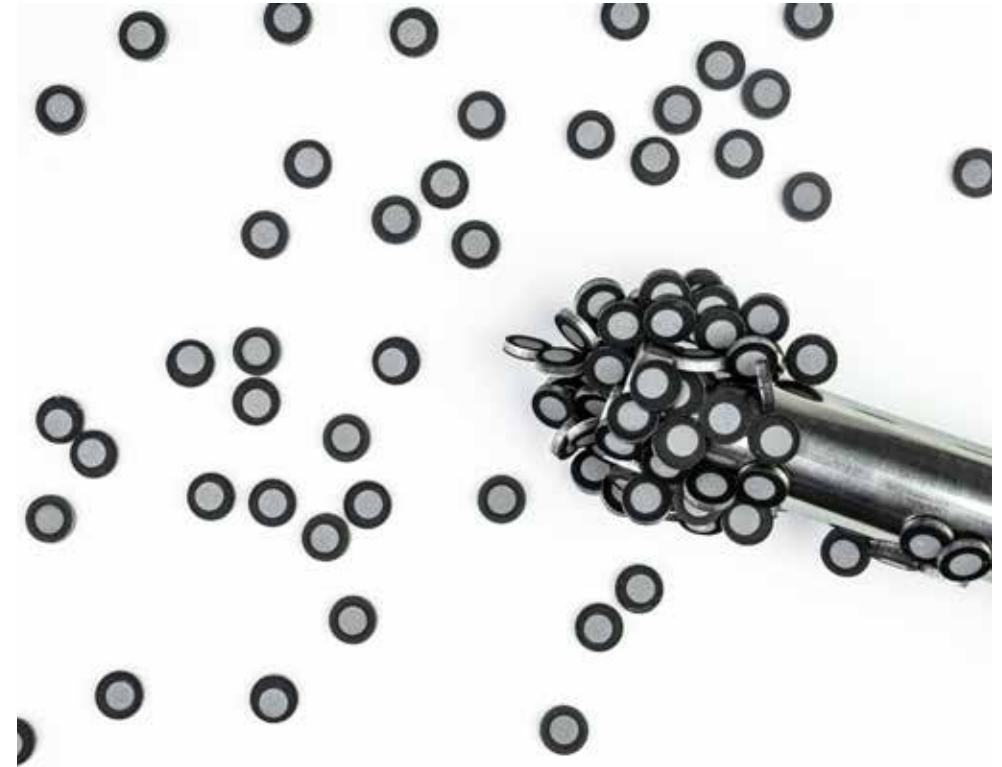


Magnetic 6 mm retro reflective targets



Reusable

AESUB CONFETTI



AESUB Confetti is a time-saving and efficient solution for 3D scanning that adds a touch of fun to the process! These metallic dot-coins feature reference points on both sides, making them perfect for scanning complex areas, like car interiors. Simply toss them onto the surface — such as a dashboard or other interior parts —

they land in an irregular pattern that enhances scanning accuracy. After scanning, collect the dots effortlessly with a magnet for quick cleanup. AESUB Confetti simplifies the scanning process and brings an element of ease and action to your workflow.

FAST FACTS



Double-sided metallic dots that you can toss onto areas to scan



6 mm retro reflective targets on both sides



Reusable essential retro-reflective targets



Come with a magnet in the set