

3D scanning spray

Optical scanning of transparent, glossy or black components

The 3D scanning spray makes it possible to scan transparent, glossy or black surfaces that are difficult to capture using various scanners.

For example, it optimises the scanning of transparent surfaces on components for trial fittings in prosthetics or orthotics. Using the spray increases the contrast values so that precise measurement results can be obtained for orthopaedic technology applications.

The spray evaporates in just a few hours after application without leaving any traces whatsoever on the surface of the scanned component. The components require no time-consuming cleaning afterwards. This boosts efficiency and productivity during the scanning process.

The 3D scanning spray forms a thin, white, homogeneous layer that creates ideal conditions for very good scanning results.



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Benefits at a glance:

- Self-evaporating 3D scanning spray enables scanning of transparent, black or glossy components in prosthetics and orthotics
- 3D scanning spray forms an even and homogeneous coating to create an opaque, matt white surface
- Coating is dry to the touch and evaporates on its own after scanning

Processing instructions:

- Spray the entire surface to be scanned from a distance of about 20 cm
- Move the spray can evenly to obtain a consistent coating
- The spray is applied “wet”
- Solvent evaporates within a few seconds while the active substance remains on the surface, creating a coating
- The opacity of the white coating increases as the solvent evaporates
- If drops form on the component or the applied coating stays “wet” for an extended time, increase the spraying distance or spraying speed
- The ideal ambient temperature for processing is 21 °C
- The object can be scanned after drying completely
- Applied layers evaporate on their own after scanning (remove unevaporated residue from the component before it comes into contact with skin)



Further information available at:
www.pem.ottobock.com

For further information on the hazard statements, please see the corresponding Ottobock safety data sheet.