

3Shape scan bodies - Frequently Asked Questions

Features

- **Are the 3Shape scan bodies available for all implant systems?**

In the first edition, the 3Shape scan bodies support the 15 main implant systems listed below. More can be added when there is a demand.

Original Manufacturer	System
Biohorizons®	Tapered Internal
Biomet 3i™	Certain
Biomet 3i™	External
Camlog®	Camlog
Dentsply-Friadent	ANKYLOS
Dentsply-Friadent	ASTRA TECH
Dentsply-Friadent	ASTRA TECH EV
Dentsply-Friadent	XiVE
Nobel Biocare™	Brånemark
Nobel Biocare™	Nobel Active
Nobel Biocare™	Replace Select
Osstem	TS
Straumann	Bonelevel
Straumann	Synocta
Zimmer	TSV

Please note: In order to work with scans containing scan bodies, you need to have a material library for the implant system being used. Furthermore, your library must contain a file for the scan body that you have used, in this case the 3Shape scan body.

Implant system material files are usually provided to end-users by the original manufacturers or 3rd party providers. 3Shape does not provide our own libraries. We do, however, assist the suppliers in integrating our scan bodies into their libraries.

If you need assistance from 3Shape regarding material libraries, please contact implant@3shape.com.

- **Do you use a different scan strategy than with other scan bodies?**

No, the 3Shape scan bodies are scanned just like any other scan body.

- **Can the 3Shape scan bodies be autoclaved?**

Yes, the 3Shape scan bodies can be autoclaved at 121°C for 15 min / 134°C for 3 min acc. to EN ISO17665-1:2006. We recommend that a scan body is reused a max. of 100 times.

- **How durable are the 3Shape scan bodies?**

Highly durable. Since they are made from titanium, the 3Shape scan bodies will not bend or deform if you overtighten the screw. Most other scan bodies are made from PEEK, which is a softer material more prone to bending. Once a scan body is bent, the alignment will be off, which will result in errors in the final restoration design.

- **Will the scanner automatically detect which implant system is used?**

! Not implemented yet – coming in late 2017 !

Yes, the user should only select which indications that will be an implant in the order form and then the implant system and connection is automatically identified when the scan body is scanned. The software will detect and read the ID code on the scan body and automatically fill out the order form with the correct implant system and connection.

- **Do I still have to align the scan body with the library file manually?**

! Not implemented yet – coming in late 2017 !

No. Once the software has automatically detected the implant system and connection via the ID code, the software knows where the plane containing the ID code is located on the scan. This means the user no longer should set a point for the alignment with the library file, but the software automatically aligns the files.

General information

- **What is the typical workflow when using scan bodies?**

Typically, scan bodies are part of the following workflow:

- Implant/analog is placed in patient/gypsum model
- The matching scan body is cleaned and - when working on a patient - sterilized/autoclaved
- The scan body is fixated on implant/analog using screw driver
- Patient/model is scanned using TRIOS/desktop scanner
- The scan body is removed using screw driver
- The scan body in the 3D model is matched/aligned with a scan body from a library file
- Using an implant library, the software knows the relative position of the scan body to the implant/analog, hence it knows where to place the abutment for the design step

- **Why are they named 3Shape scan bodies?**

Different manufacturers use different names, such as scan body, scan abutment, scan flag or scan locator. 3Shape has decided to call ours scan bodies.

Note: 3Shape is also selling *scan posts*, which are used for post & core cases. There is no universal naming, some people may also use the term *scan posts* when scanning implants.

- **Who will provide support?**

The 3Shape resellers will provide support as usual, so if you have other 3Shape products, you only have to go to one provider for support and training.

Technical specifications

- **What are the 3Shape scan bodies made of?**

They are made from Titanium, surface treated and laser printed.

- **What is the ID code and the ID tag?**

The *ID code* is a 3x5 data matrix. The ID is linked to the implant system and connection, so when it is scanned, the software will automatically transfer the data to the order form. *Please note:* this feature will not be available until late 2017! Once available, the user only has to update the TRIOS/TRIOS Design Studio software to get access to the feature.



The *ID tag* consists of 3 alpha numerals which enable the user to identify the implant system and connection. The first supported implant systems are tagged applying the following logic when applicable: The first alpha numeral is the initial of the original manufacturer, the second the initial for the implant system and the last one for the connection.

- **What does the color at the bottom of the scan body refer to?**

Just like the original parts, the screws of 3Shape scan bodies are colored using the same (or at least very similar) shading, enabling users to recognize scan bodies by their color. The same color is also printed under the respective column on the 3Shape scan bodies storage box.

- **Can the storage box be stacked?**

Yes, the 3Shape scan bodies storage boxes can be stacked vertically for easy overview and storage. There are also two small magnets on each side of the box, so when the boxes are placed next to each other horizontally, the magnets will help align the boxes neatly.

