



CosTech® Dental Lab

17-18 Lion Business Park, Dering Way, Gravesend, Kent DA12 2DN



costech.co.uk



info@costech.co.uk



01474 320076

mydentist digital pilot v1.0 11/11/24



YOUR PERFECT FIT



Scanner Connection & Protocol
available online



Full Service DAMAS Compliant Lab

Scanning Protocol

Reduce Remakes and Delays

When Using Your Intraoral Scanner

Intraoral scanners are a gamechanger for both the clinical and laboratory teams while also drastically improving the patient experience. While all scanners are different and may require slight technique adjustment, the same broad principles apply in order to achieve accurate impressions.

For best results when using your scanner, follow these simple guidelines:

Connecting Your Scanner

To CosTech Dental Lab

3shape

- 1 Login to your 3shape account
<https://portal.3shapecommunicate.com/login>
- 2 Select "CONNECTIONS"
- 3 Request a connection with CosTech Dental Lab
- 4 Email digital@costech.co.uk to let us know you have requested a connection.
- 5 After your connection is approved, select CosTech Dental Lab when sending files.

Before Scanning

- ✓ Always keep your scanner fully calibrated and your software up to date.
- ✓ Ensure your prep follows the appropriate material guidelines (see CosTech Prep Guide for more information).
- ✓ Reduce excess lighting in the treatment area, where possible rely solely on the scanner's internal light.
- ✓ Minimise moisture, keeping teeth clean, dry and free from any debris for maximum scan accuracy.



Remember: Practice Makes Perfect!



During Scanning

- ✓ Adopt a standing posture in front of the patient.
- ✓ Anchor one hand against the patient and use it as a rest to keep your scanning hand steady.
- ✓ Holding the scanner in a pencil grip, start with the posterior occlusal surface and roll the scanner back and forth from lingual to buccal sides as you proceed down the arch.
- ✓ Go slow and steady, ideally providing a full arch scan for every case to give your lab as much information as possible.
- ✓ Pay particular attention to hard-to-reach areas, bear in mind that if the light from the scanner can reach a surface, its camera can record it.
- ✓ If your scanner is equipped with a reversible tip, use it to scan the opposing arch while maintaining the same grip.
- ✓ If your scanner does not feature a reversible tip, invert the scanner and follow the same process as before.
- ✓ When it comes to scanning the bite, ensure the patient is sitting up and place the scanner inside the mouth, then have them slowly close the bite before starting to scan.

After Scanning

- ✓ Ensure there are no foreign objects obscuring the scan data (e.g. cheek, tongue).
- ✓ Check the scan for data holes, particularly around the prep area and adjacent teeth.
- ✓ Make sure the bite is in occlusion.
- ✓ Check the prep margins to ensure there is no pooling of saliva/blood that could compromise the scan.
- ✓ Add any extra information in the Notes section to keep your technician informed.

Getting In Touch

If you require assistance with scanning or sending your scan files, please get in touch with our digital team.

Case Queries: info@costech.co.uk

Digital Queries: digital@costech.co.uk

Technical Feedback: mydentist@costech.co.uk