

Scanning Protocol

Reduce Remakes & Delays

when using your intraoral scanner

Intraoral scanners improve workflows for clinicians and labs while enhancing the patient experience. Although techniques may vary slightly by scanner, the same core principles help ensure accurate impressions.

For best results, follow the guidelines overleaf.



Link Your Scanner

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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 Guides at costech.co.uk/downloads).
- ✔ 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.

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.